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JOHNSON'S
SEED STORE

SPRING FLOWERING BULBS

2158-60 East 9th Street

CLEVELAND, OHIO

AUTUMN of 1928



Johnson's Fall Catalog

A WORD ABOUT THE QUALITY OF OUR BULBS

Our business, whether in Seeds, Bulbs, Plants Implements, Fertilizers, Insecticides, Bird or Poultry Supplies, has always been conducted with a view to supplying the finest quality that can be had.



DARWIN

REV. EWBANK

LOWER PRICES—PLEASE NOTE

Last season the cost of Darwin Tulips was greatly reduced by the Holland Bulb Growers so that we were able to pass this reduction to our customers. Prices for this year still remain low so there is no reason why we should all not have an abundance of these stately flowers in our gardens. There is nothing that adds more to the garden and to the opening of Spring than the gorgeous Tulip.

SPECIAL FREE DELIVERY

We will deliver all Tulips, Hyacinths, Narcissi, Crocus, Freesias, Amaryllis, Anemones, Dielytra, Oxalis, and Ranunculus listed in this catalogue, if your purchase amounts to TWO DOLLARS or over, when cash accompanies the order, via Express, Parcel Post, or Freight, at our option, to your town or city, provided your home is within 500 miles of Cleveland.

Order Early. It will greatly facilitate shipments if orders are sent early. We aim to send off all orders the day received.

Our Spring Catalogue of Seeds, Bulbs, etc., for 1929 will be ready about January 1st., and will be sent free to customers and applicants.

NOTICE REGARDING TIME OF DELIVERY

Bulbs and roots mature and ripen at different periods during the late summer and autumn, and shipments will be made as follows in the absence of instructions to the contrary.

Our August Shipment includes Liliun Harrisii, Liliun Candidum, Freesias, French Roman and Hyacinths, Paper-White, Double Roman and Grand Soleil d'Or Narcissi.

Our September or Main Shipment includes the general line of Bulbs, such as Hyacinths, Tulips, Narcissi, Crocus, Iris, Peonies and Callas.

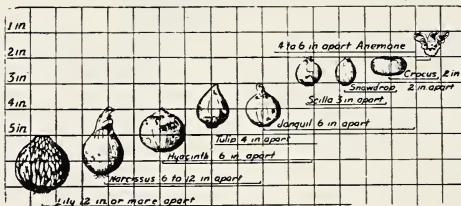
Our November Shipment consists of various Lilies.

NOTE: Please do not confuse the Bulbs we offer with those offered at ridiculously low prices. Ours are all first size and have been allowed to thoroughly mature before being harvested.

Quantity of Bulbs Necessary for Round Beds

The majority of bulbs should be planted at a depth of about twice their-diameter, as shown in the chart herewith. In planting the choicer varieties, a layer of sand beneath the bulbs is especially recommended for Hyacinths and Lilies.

	Distance Apart	
	4 in.	6 in.
3 feet in diameter	100	100
4 feet in diameter	135	75
5 feet in diameter	225	100
6 feet in diameter	275	130
7 feet in diameter	425	175
8 feet in diameter	475	225



NON-WARRANTY—We cannot guarantee the well-doing of any seeds, plants or bulbs we send out, having no control over conditions—therefore:

Johnson's Seed Store gives no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Yours for best possible service,

JOHNSON'S SEED STORE.

JOHNSON'S SEED STORE

2158-60 East 9th Street
CLEVELAND, OHIO
JULY 1' 1928



LeNOTRE
DARWIN TULIP

Giant Darwin Tulips

MAY FLOWERING LONG STEMMED

These gorgeous late or May-flowering Tulips are very stately and beautiful—producing immense flowers on tall, sturdy stems attaining a height of from 2 to 3 feet. The flowers are models of perfection in form, lasting, wax-like substance—and in a great variety of both dainty and richly brilliant colorings from blush through pink, rose, salmon red, crimson, etc., to rich ox-blood reds, from lavender through mauve, light blue to violet, purple and black. The centers of many of them are beautifully marked. The Darwins also include two or three “near whites.” Clear yellows have also been produced. The Darwin Tulips are exceedingly effective when grown in groups of a dozen or more bulbs of one variety in the garden or herbaceous border with a background of shrubs or hedge which enhances their magnificence. The beauty, hardiness, and perpetuity of the Darwin Tulips is making them very popular. As cut-flowers they are unsurpassable. The long-stemmed, bold durable flowers have a dignity and character exclusively their own. Varieties most suitable for forcing are indicated by a star (*).

Afterglow. Deep, rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base. A showy tulip for out doors. Height 26 inches. **Per doz., \$1.30; per 100, \$8.00**

***Baronne de la Tonnaye.** Vivid pink, blush margin, very lasting. **Per doz., 50c, per 100, \$3.50 per 1000, \$30.00.**

***Bartigon.** A magnificent variety, very large flowers of fiery crimson with a white base. **Per doz., \$0.75; per 100, \$5.50; per 1000, \$50.00.**

***Blue Aimable.** Soft, bluish-lilac; very large flower. Fine for late forcing. **Per doz., 70c; per 100, \$5.50; per 1000, \$50.00.**

Centenaire. Beautiful deep rose, flushed claret, lighter blue center. Height, 32 inches. **Per doz., \$0.70; per 100, \$5.00; per 1000, \$45.00.**

***Clara Butt.** Delicate Salmon pink, perfect shape. Height 22 inches. **Per doz., 50c; per 100, \$3.50; per 1000, \$30.00.**

Dream. Large flower perfect in form, on a tall, strong stem; color, rosy lilac and mauve, with claret purple interior. Combines well with lavender-colored varieties. Height 24 inches. **Per doz., 65c; per 100, \$4.50; per 1000, \$42.00.**

Europe. Fiery salmon scarlet with a white center. Height 20 inches. **Per doz., 60c; per 100, \$4.50; per 1000, \$40.00.**

***Enterpe.** A beautiful shade of mauve, edged lilac, white center, with a blue halo. A very refined color when forced. Height 26 inches. **Per doz., 70c; per 100, \$4.75; per 1000, \$45.00.**

Farncombe Sanders. Fiery, rosy scarlet with white center marked. Height 26 inches. **Per doz., 50c; per 100, \$3.50; per 1000, \$32.00.**

Faust. Blackish violet. Enormous flower. Height 30 inches. **Per doz., \$1.00; per 100, \$6.50; per 1000, \$60.00.**

Feu Brilliant. A glorious glowing vermilion scarlet, large, beautifully formed flowers on strong stems. **\$1.00 per doz.; \$6.50 per 100; \$60.00 per 1000.**

***Gretchen (Margaret).** Silvery pale rose. Inside soft pink, marked blue. **55c per doz.; \$4.00 per 100; \$35.00 per 1000.**

Harry Veitch. Brilliant blood-red, shaded with brownish maroon, large flowers of splendid form; a fine bedder. **65c per doz.; \$5.00 per 100; \$45.00 per 1000.**

Homere (New). Brilliant red with black center. Excellent early forcer. **Doz., \$1.50; \$10.00 per 100; \$90.00 per 1000.**

Jubilee. Deep, rich bluish purple. Somewhat egg-shaped. Height 30 inches. **Per doz., \$1.50, per 100, \$10.00.**

King Harold. Deep glossy, mahogany-red; dark base; splendid forcer. **Doz., 70c; 100 for \$5.00; 1000 for \$45.00.**

La Candeur. 22 inches. Lovely soft white, slightly tinged blush, a beautiful large globular, erect flower. **60c per doz., \$4.50 per 100.**



Afterglow

***La Tulipe Noire.** (The Black Tulip). The nearest in color to the so-called “Black Tulip.” Deep maroon black, which has a velvety sheen in the sunlight. Height 25 inches. **Per doz., 85c; per 100, \$5.50; per 1000, \$50.00.**

LeNotre. Vivid rose, shaded blush. Extra early forcing. Height 25 inches. **Per doz., \$0.85; per 100, \$5.00; per 1000, \$45.00.**

***Madame Krelage.** Soft lilac-rose, with a broad margin of blush-pink; flowers very large, on tall stems. Height 28 inches. **Per doz., 60c; per 100, \$3.50; per 1000, \$32.00.**

Massachusetts. Soft rose tinted carmine, with Pink edges and pink inside. White base, Height 26 inches. **Per doz., 65c; per 100, \$4.50; per 1000, \$42.00.**

***Matchless.** (Roi d’Islande). Soft, old-rose, with a narrow white border; inside soft violet-rose with a blue base. A very beautiful soft color and one that forces splendidly. Height 26 inches. **Per doz., \$1.20; per 100, \$8.00; per 1000, \$70.**

DARWIN TULIPS—CONTINUED

May Queen. Large flower of bright rose, center blue and white. Height 25 inches. Per doz., 65c; per 100, \$5.00; per 1000, \$45.00.

Mrs. Potter Palmer. Bright purplish violet, base white; a large flower. Very attractive for border planting. Height 28 inches. Per doz., 65c; per 100, \$4.50; per 1000, \$40.00.

Ph. de Communes. Velvety purple-maroon. Fine for forcing. Height 24 inches. Per doz., 55c; per 10, \$4.50; per 1000, \$42.00.

***Pride of Haarlem.** Bright rose, suffused with purple. Enormous. Height 36 inches. Per doz., 50c; per 100, \$3.50; per 1000, \$30.00.



Johnson's Large Flowering Darwin Tulips

***Princess Elizabeth.** Soft rose with silvery margin, white base. Extra fine forcer. Height 26 inches. Per doz., 70c; per 100, \$4.50; per 1000, \$42.00.

***Prof. Rauwenhoff.** Cherry rose, white and blue base. Height 24 inches. Per doz., 70c; per 100, \$4.50; per 1000, \$42.00.

Psyche. Rich rose, inside shaded silvery rose, with blue base; large and handsome; strong stems. Height 26 inches. Per doz., 60c; per 100, \$4.50; per 1000, \$40.00.

Rev. Ewbank. Heliotrope lilac with paler edge. Height 23 inches. Per doz., 50c; per 100, \$3.50; per 1000, \$30.00.

Salmon King. Bright carmine red. Per doz., 70c; \$5.50 per 100; \$50.00 per 1000.

Sieraad van Flora. Bright rose. Extra large flower. Height 28 inches. Per doz., 55c; per 100, \$4.00; per 1000, \$38.00.

Sophrosyne. Blush rose, tinted lilac, darker inside. Blue base with a light edge. Extra fine flower. Height 30 inches. Per doz., 65c; per 100, \$5.00; per 1000, \$45.00.

The Sultan. Glossy maroon black. Height 26 inches. Per doz., 55c; per 100, \$4.00; per 1000, \$35.00.

Valentine. Violet purple with blue center. Height 22 inches. Per doz., \$1.00; per 100, \$5.50 per 1000, \$50.00.

Whistler. Enormous flowers of a vivid crimson-scarlet. 70c per doz.; \$5.00 per 100; \$45.00 per 1000.

William Copeland. (Sweet Lavender.) Uniform lilac-rose. May be forced early and easily. The color when grown indoors, becomes a most beautiful lavender. Height 24 inches. Per doz., 70c; per 100, \$5.00; per 1000, \$48.00.

***William Pitt.** Very dark crimson, with purplish bloom on the outer petals. Of great size and beauty. Height 24 inches. Per doz., 85c; per 100, \$6.00; per 1000, \$55.00.

Yellow Darwin (New). For the first time we can offer a good, deep Golden Yellow Darwin. Vigorous grower. Fine forcer. Doz., \$0.70; \$5.00 per 100; \$45.00 per 1000.

Zulu. Deep, velvety purple-black; large, egg-shaped flower of very distinct form. Fine for border or forcing. Height 27 inches. Per doz., 85c; per 100, \$6.00; per 1000, \$55.00.

JOHNSON'S SUPERFINE DARWIN
MIXTURE

The wonderful interest in these splendid Tulips has brought out a great many varieties too numerous for listing, except those considered the best. In addition to many of the varieties listed above, our mixture contains an equal proportion of many others. Brilliant effects may be obtained by the planting of this mixture of choice named sorts. Per doz., 55c; per 100, \$3.75; per 1000, \$35.00.

PREPARED BULB FIBRE

Growing bulbs, such as Dutch Hyacinths, Tulips and Narcissus in special prepared fibre has proven a great success. 20c per qt. carton; 60c per peck; \$2.25 per bushel.

A good way to learn the various varieties of Tulips and to ascertain the sorts you fancy most is to take advantage of our Introductory Offers on pages 2, 3. Each variety is marked on the bag.

JOHNSON'S INTRODUCTORY COLLECTION OF DARWIN TULIPS

Our Selection

No. 5. 10 varieties of 5 bulbs of each	\$ 3.00
No. 10. 10 varieties of 10 bulbs of each	5.00
No. 20. 10 varieties of 20 bulbs of each	9.00

The varieties used in these collections will be put up in separate bags and labeled so that you will know exactly what you are planting. These bulbs are of the very highest grade and are taken from our regular stocks. Our year-to-year customers, knowing our custom to supply the very best, will recognize the value of our collection offers.

Dutch Breeder Tulips, May Flowering

Breeder Tulips are very similar in habit to the Darwins, and flower at the same time. Their chief characteristic is their immense blooms, borne on strong, stiff stems, many of them longer than the most gigantic Darwins. The revival of the taste for art colors has made these Tulips strong favorites with American enthusiasts, who find in their bronze, buff, and brown shades, excellent material for contrasting with the light and bright colors of the Darwins. *They require the same cultural treatment as the Darwins.*

JOHNSON'S SUPERFINE MIXTURE OF BREEDER OR ART TULIPS

Composed of the very best varieties. Per doz., 85c; per 100, \$5.50 per 1000, \$50.00.



Yellow Perfection

***Bacchus.** Dark violet-blue, the outside of the petals having a darker bloom, base starred white. Nearest approach to dark blue in late Tulips. Height 28 in. Per doz., \$2.00; per 100, \$12.00.

Bronze Queen. Buff, tinged apricot. Height 28 inches. Per doz., 70c; per 100, \$4.50; per 1000, \$40.00.

Cardinal Manning. (Kingscourt). A curious blend of mauve and rose, pure orange at edges. Height 28 in. Per doz., 75c; per 100, \$5.50; per 1000, \$48.00.

Coridon. Bright yellow, shaded lilac. Height 24 in. Per doz., \$2.00; per 100, \$15.00.

Dom Pedro. Coffee-brown, shaded maroon, inside rich mahogany; large flower; very fragrant. Height 21 inches. \$1.35 per doz.; \$10.00 per 100; \$90.00 per 1000.

Fairy. Terra-cotta and bronze. Large flower. Height 25 in. Per doz., \$0.80; per 100, \$5.50; per 1000, \$50.00.

Feu Ardent. Very brilliant mahogany red. Large, cup-shaped bloom. Height 26 in. Per doz., \$1.00; per 100, \$8.00; per 1000, \$78.00.

Godet Parfait. Dark blue-purple, with white base and blue halo; very large flower of striking color. One of the best Breeders for the border. Height 30 inches. \$1.00 per doz.; \$6.50 per 100; \$60.00 per 1000.

Golden Bronze. Old gold outside; deep golden bronze inside. Height 26 in. Per doz., 70c; per 100, \$5.00; per 1000, \$45.00.

La Parfaite. Bronze with a yellow edge. Height 26 in. Per doz., \$1.20; per 100, \$10.00; per 1000, \$92.00.

Louis XIV. Dark purple, with a broad margin of golden bronze; Height 30 inches. Per doz., \$1.25; Per 100, \$10.00.

***Lucifer.** Magnificent terra cotta orange with rosy bloom. Height 24 in. Per doz., \$2.00; per 100, \$15.00.

Marie Louise. Rose, shaded salmon; edged bronze orange. Height 23 in. Per doz., \$1.25; per 100, \$9.00; per 1000, \$78.00.

Media. Enormous flower, crushed strawberry shaded heliotrope, yellow center. Height 25 in. Per doz., 75c; per 100, \$6.00; per 1000, \$50.00.

Moody. Dull lilac-purple, with narrow edge of amber-brown, inside maroon-purple, with blue-purple midrib, and bright yellow base starred olive and white. Height 23 inches. \$1.10 per doz., \$8.00 per 100; \$75.00 per 1000.

Prince of Orange. (Sunset). Terra cotta with orange edge. Height 24 in. Per doz., \$1.50; per 100, \$10.75; per 1000, \$98.00.

Queen Alexandria. Bright orange with a yellow blotch. Height 26 in. Per doz., 85c; per 100, \$6.00; per 1000, \$58.00.

***St. James.** Dark lilac. Bronze-brown edges with yellow and green base. Height 28 in. Per doz., \$1.50; per 100, \$8.00.

Salomon. Lilac, shaded rose with lighter margin. Height 30 in. Per doz., \$1.50; per 100, \$10.00.

Turenne. Bronze violet, margined bronze yellow. Extra large flower. Height 28 in. Per doz., \$1.50; per 100, \$9.00; per 1000, \$85.00.

***Vulcain.** Strawberry red with a broad margin of buff-yellow. Inside dark apricot and yellow. Height 26 in. Per doz., \$1.50; per 100, \$10.00.

Wilberforce. Soft apricot, edged primrose-yellow, green base. Not a large flower, but very distinct. Height 32 inches. \$1.00 per doz.; \$7.00 per 100.

Yellow Perfection. Bronze-yellow, shaded deep golden. Height 28 in. Per doz., 90c; per 100, \$6.50; per 1000, \$60.00.

JOHNSON'S

Special Collections of Breeder Tulips

No. 7, 10 varieties of 5 bulbs of each for \$4.25.

No. 9, 10 varieties of 10 bulbs of each, for \$8.00.

Our collections are made from the choicest varieties, each packed in separate bags and marked so you will know the varieties.

Striped and Feathered May Flowering

PARROT OR DRAGON

Their fringed and corrugated petals with their wonderful variation make these the most brilliant and the most curious of all Tulips. The flowers are thick-petaled with extra long stems, and keep extremely well after being cut.

Admiral de Constantinople. Red tipped orange. 85c per doz., \$6.00 per 100.

Cramoisi Brilliant. Deep crimson with large, black, star-shaped center. 85c per doz.; \$6.00 per 100.

Lutea Major. Bright yellow; large flowers. 85c per doz., \$6.00 per 100.

Superfine Mixed. 75c per doz., \$4.50 per 100.

BIZARRES AND BYBLOEMS

Bizarres. 20-L. Mixed; flowers beautifully blotched, striped and feathered with crimson, pink, scarlet, rose, lilac, and purple on yellow. \$1.00 per doz., \$7.50 per 100.

Bybloems. 20-L. Mixed; on white ground, blotched, striped or feathered. \$1.00 per doz.; \$7.50 per 100.

REMBRANDT TULIPS

Late Flowering for Open Ground

These late Tulips are much like the Darwins but are striped and feathered, in this respect resembling the Bybloems formerly so much used. They are of fine form and substance, lasting well after cutting. Average height 18 to 22 inches.

Apollo. Lilac-rose and white, striped dark carmine. \$1.25 per doz., \$8.00 per 100; \$78.00 per 1000.

Caracalla. White, striped and feathered carmine-red. Very attractive \$1.10 per doz.; \$8.00 per 100; \$78.00 per 1000.

La Coquette. Violet, flamed purple and white; not large but an exquisite flower. \$1.25 per doz.; \$8.50 per 100; \$80.00 per 1000.

Marco Spado. White, flamed bright carmine-red; large flower. \$1.30 per doz.; \$10.50 per 100; \$100.00 per 1000.

Rembrandt Mixed. Darwin Tulips with striped or feathered flowers. Many pleasing shades and colors. \$1.10 per doz.; \$7.50 per 100; \$70.00 per 1000.

Single Early Tulips

FOR APRIL BLOOMING OUTDOORS POT AND FORCING

For grand effect as an early flower, the Tulip probably heads the list of bulbous plants. They are so entirely hardy, easily cared for, flower so freely in city or country, sun or shade, and as, with proper selection of varieties, their flowers may be enjoyed from April to June, it naturally follows that they are becoming immensely popular. By planting Scillas, Crocus, Snowdrops, etc., between the bulbs, the same bed or space of ground will provide a beautiful display of these early gems, preceding and in no manner interfering with the Tulips. Named varieties are to be preferred for satisfying results, and as we give the average height and relative blooming season of most of the varieties, selections as to color and season may be readily made. Plant 5 to 6 inches apart and cover to about a 5 inch depth. For house culture plant four to six bulbs in a 6-inch pot, and in proportion for the larger sizes or bulb pans, treat as advised for Hyacinths. Good roots and plenty of them, before bringing plants to light and warmth are essential to success.

The figures after names of varieties indicate the average height, in inches, to which they grow. Varieties most suitable for forcing are indicated by a star (*). The letter E. indicates those that bloom earliest, and L. latest.

NAMED SINGLE EARLY TULIPS

Artus. 7-L. Brilliant scarlet with clear yellow center. A splendid bedder. 65c per doz.; \$4.50 per 100; \$40.00 per 1000.

***Belle Alliance.** 8-L. Large, sweet-scented, scarlet flower, 75c per doz.; \$5.50 per 100, \$50.00 per 1000.

Chrysolora. 8-L. Pure golden yellow; splendid bedder. 80c per doz.; \$6.00 per 100; \$55.00 per 1000.

Cottage Maid. 9-L. Carmine-pink, center of petals feathered white. A very dainty bedding variety \$1.00 per doz.; \$6.00 per 100; \$58.00 per 1000.

Couleur Cardinal. 10-L. A bright crimson-scarlet, with a deeper tone or bloom on the outer petals. A bed planted wholly to this variety is a grand sight. Grand for midseason forcing. \$1.00 per doz.; \$5.50 per 100; \$52.00 per 1000.

Gramoise Royal 15-E. A distinct satiny carmine. \$1.25 per doz.; \$8.50 per 100; \$80.00 per 1000.

Crimson King. 8-L. Bright deep crimson, large and showy, easily forced. Good bedder. 75c per doz.; \$6.00 per 100; \$58.00 per 1000.

De Wet. 17-E. (Fireglow.) Beautiful golden flushed and striped fiery orange-scarlet. \$2.00 per doz.; \$12.00 per 100.

Duchesse de Parma. 9-L. Deep orange-scarlet bordered yellow; large globular flower. A very showy bedding Tulip; fine early forcer. \$1.00 per doz.; \$6.50 per 100; \$60.00 per 1000.

Gold Finch. 12-E. Pure yellow; sweet scented. \$1.00 per doz.; \$8.00 per 100.

Ibis. 14-E. (New.) Deep brilliant pink-shaded carmine. \$1.30 per doz.; \$8.50 per 100; \$98.00 per 1000.

Keiskerkroon. 10-L. Carmine scarlet with broad yellow border \$1.00 per doz.; \$7.50 per 100; \$68.00 per 1000.

***King of the Yellows.** 10-L. Deep golden yellow; 85c per doz.; \$6.25 per 100; \$60.00 per 1000.

Lady Boreel. 13-E. (Joost Van Vondel White.) Snowy white; large, long flower of splendid shape. Cannot be forced so early as White Hawk 90c per doz.; \$6.50 per 100 \$60.00 per 1000.

Mon Tresor. 7-E Pure Yellow very large. \$1.20 per doz.; \$6.50 per 100; \$60.00 per 1000.

Pink Beauty. 10-L. Bright cheery rose, center of petals striped white. Does well in pans, but not before March, \$1.30 per doz.; \$9.50 per 100; \$85.00 per 1000.

President Lincoln. 12-E. (Queen of the Violets). Purplish mauve with white base. 85c per doz.; \$6.50 per 100; \$58.00 per 1000.

***Prince of Austria.** 10-E. Brilliant copper red, deliciously scented; tall-stemmed bedded. 75c per doz.; \$5.75 per 100; \$55.00 per 1000.

Princess Helena. 12-L. Pure white. One of the best white bedders; flowers stand upright. 75c per doz.; \$5.50 per 100; \$52.00 per 1000.

***Proserpine.** 10-E. Rich, silky, carmine rose. Extra fine. \$1.10 per doz.; \$7.50 per 100; \$70.00 per 1000.

Prosperity. 8-E. Bright clear pink, very attractive. Good for early forcing. 90c per doz.; \$6.50 per 100; \$60.00 per 1000.

Rose Luisante. 10-L. Dark, silky-rose pink of rich quality. 90c per doz.; \$6.50 per 100; \$60.00 per 1000.

Thomas Moore. 10-E Large orange scarlet; sweet-scented. 75c per doz.; \$5.50 per 100; \$50.00 per 1000.

***Vermilion Brilliant.** 10-L. Dazzling vermilion scarlet, with yellow base. \$1.00 per doz.; \$6.50 per 100; \$62.00 per 1000.

***White Hawk.** 8-L. Intense white. 85c per doz.; \$6.00 per 100; \$55.00 per 1000.

Yellow Prince. 8-L. Golden yellow; fine bedder. 85c per doz.; \$5.50 per 100; \$50.00 per 1000.

JOHNSON'S RAINBOW MIXTURE OF SINGLE EARLY TULIPS

A mixture consisting of named single varieties, blended so as to give an assortment of all possible colors and shades, all of vigorous habit and large size, uniform height and time of blooming. 60c per doz.; \$4.00 per 100; \$38.00 per 1000.



Double Early Tulips

FLOWER JUST AFTER EARLY TULIPS
IN LATE APRIL

Double Tulips are preferred by some for their massiveness of bloom and for their brilliant and striking colors. The blooms are much more lasting than the single kinds making them very popular for pots and pans. Care should be taken, however, when growing this way not to force too rapidly as the grandeur and lasting qualities of the blooms are lessened by excessive forcing.

For growing in beds and borders we suggest only one color; however, certain varieties blend well together and we are always glad to recommend good sorts for this purpose.

NOTE—The figures after names of varieties indicate average height in inches to which they grow. Varieties most suitable for forcing are indicated by a (*). The letter E indicates those that bloom earliest and L latest.

JOHNSON'S SINGLE AND DOUBLE EARLY TULIP COLLECTION

100 Single Early Tulips made up of 10 named varieties all packed in separate bags and marked. Bloom late in April or early May. Per 100, \$5.50.

100 Double Early Tulips made up of 10 named varieties, all packed in separate bags and marked. Bloom in late April or early May. Per 100, \$5.50.

Boule de Neige. 10-E. Finest pure white double variety. 85c per doz.; \$6.25 per 100; \$58.00 per 1000.

Bleu Celeste. 15-L (Blue Flag.) Extra fine large double violet-blue. 85c per doz.; \$6.00 per 100; \$58.00 per 1000.

Cochineal. 10-L. Rich, brilliant scarlet; the largest and one of the best double scarlets. When forcing this variety, as well as any other scarlet, care should be taken to have them come slowly, to avoid green tips 85c per doz.; \$6.50 per 100; \$60.00 per 1000.

Couronne d'Or. (Crown of Gold.) 10-L. Large, bold flower of rich golden yellow, shaded copper. Excellent for bedding and Winter forcing. 85c per doz.; \$6.00 per 100; \$58.00 per 1000.

Electra. (New.) 14-E. Rosy-violet. \$1.25 per doz.; \$8.50 per 100; \$80.00 per 1000.

Gloria Solis. 10-E. Red bordered with gold. 70c per doz.; \$5.00 per 100; \$48.00 per 1000.

***Imperator Rubrorum.** 10-L. Glowing scarlet. Very popular. \$1.00 per doz.; \$7.00 per 100; \$68.00 per 1000.

La Candeur. 10-L. Pure white; very fine bedder. \$1.00 per doz.; \$7.50 per 100; \$70.00 per 1000.

Mr. Van der Hoeff. (New.) Purest yellow. \$1.25 per doz.; \$8.50 per 100; \$80.00 per 1000.

***Murillo.** 12-L. Light pink; most popular forcer. 65c per doz.; \$4.25 per 100; \$38.00 per 1000.

Peach Blossom. 12-L. Bright rose-pink, flushed white, deepening with age to carmine-rose; large. A sport of Murillo. Excellent for pots. \$1.00 per doz.; \$7.00 per 100.

***Rubra Maxima.** 10-L. Splendid red. 85c per doz.; \$6.00 per 100; \$58.00 per 1000.

***Salvator Rosa.** 10-E. Deep rose. Leading double for forcing. 85c per doz.; \$6.00 per 100; \$55.00 per 1000.

Schoonoord. 12-L. The white Murillo and the finest of all double white. 85c per doz.; \$6.00 per 100; \$58.00 per 1000.

***Titan.** 14-E. Brilliant scarlet with a narrow yellow edge. 90c per doz.; \$6.50 per 100; \$60.00 per 1000.

Tea Rose. (Brimstone.) 12-L. A beautiful saffron-yellow or apricot. A "sport" from Murillo with all its good qualities. 80c per doz.; \$5.50 per 100; \$50.00 per 1000.

Toreador. 10-L. Very large and double flowers, bright scarlet, bordered orange scarlet, very effective. \$1.00 per doz.; \$8.50 per 100; \$82.00 per 1000.

Vuurbaak. 12-L. Bright scarlet; splendid bedder large well-shaped flowers on strong stems. \$1.00 per doz.; \$6.50 per 100; \$60.00 per 1000.

Remember that all bulbs sold or offered for sale by Johnson's Seed Store are the best that the best growers in their respective countries of production can produce. We do not handle "seconds" or inferior stock of any kind.



Peach Blossom

JOHNSON'S RAINBOW MIXTURE OF DOUBLE EARLY TULIPS

This mixture is made up of the most suitable varieties as regards color and height. 60c per doz.; \$4.50 per 100; \$40.00 per 1000.

Old English or Cottage Tulips

LATE OR MAY FLOWERING

This class, as well as the Darwin Tulips, is becoming very popular. They are very hardy and robust, flowers are large in size and very rich in coloring. The stems are long and wiry and the flowers are durable in a cut state. They are effective planted in clumps or borders, and may be grown in pots as recommended for other Tulips and brought in to succeed the earlier classes.

Beauty of America (New). Rich lemon yellow. Per doz., 85c; per 100 \$6.50; per 1000, \$60.00

***Bouton d'Or.** Pure golden yellow, fine showy bedder; excellent for cutting. Height 17 in. Per doz., 55c; per 100, \$4.00; per 1000, \$38.00.

Bridesmaid. Carmine-pink, white feathered. Per doz., 75c; per 100, \$5.50; per 1000, \$50.00.

Columbus (Gala Beauty). Velvety crimson, striped gold. Per doz., \$1.25; per 100, \$9.50.

Fairy Queen. Beautiful soft rosy lilac outer petals broadly margined amber-yellow. A variety should be included in every collection on account of its unique and lovely color; height 24 in. Per doz., 75c; per 100, \$5.50; per 1000, \$50.00.

Gesneriana Spathulata Major. Dazzling scarlet with blue base; enormous flower; popular bedder. Height 25 in. Per doz., 65c; per 100, \$4.50; per 1000, \$42.00.

Gesneriana Lutea. (The yellow Gesneriana.) Color rich, flower very large; height 24 in. Per doz., 65c; per 100, \$4.50; per 1000, \$40.00.

Grenadier. Large, beautiful orange-red. A new variety with long, graceful blossoms; height 24 in. Per doz., \$1.50; per 100, \$10.00.

Inglescombe Pink. (Salmon Queen) Beautiful large egg-formed flowers of bright rose pink with a salmon sheen; height 24 in. Per doz., 60c; per 100, \$4.00; per 1000, \$38.00.

***Inglescombe Yellow.** A large, globular flower of perfect form; color full rich yellow; height 17 in. Per doz., 70c; per 100, \$4.00; per 1000 \$38.00.

Isabella. (Blushing Bride; Shandon Bells). Creamy white, shaded carmine rose and changing to dark pink; height 17 in. Per doz., 65c; per 100, \$4.50; per 1000, \$42.00.

John Ruskin. Salmon-rose, edged soft lemon-yellow, inside deep rosy like lilac—a beautiful combination of colors; large flower of fine shape on a graceful stem; height 17 in. Per doz., \$1.00; per 100, \$6.00; per 1000, \$58.00.

Moonlight. Large pale yellow; distinct elongated flower; height 22 in. Per doz., 80c; per 100, \$5.50; per 1000, \$50.00.

***Mrs. Moon.** Very deep yellow; height 24 in. Per doz., \$1.00; per 100, \$3.00; per 1000, \$78.00

Parisian White. (La Canduer.) White changing to pink. Per doz., \$1.00; per 100, \$6.50; per 1000, \$62.00.

Picotee. (Maiden's Blush.) white, margined rose pink; graceful, recurving petals, height 20 in. Per doz., 65c; per 100, \$4.50; per 1000, \$42.00.

Sirene. Satiny rose. Per doz., \$1.15; per 100, \$7.00.

Sir Harry. A new variety of beautiful lavender-pink; height 24 in. Per dozen, \$1.00; per 100, \$7.00; per 1000, \$65.00.

The Fawn. The coloring is a unique shade of pale rosy fawn, changing to blush-rose; height 20 inches. Per doz., 70c; per 100, \$5.00; per 1000, \$48.00.

Union Jack. Light violet, feathered purple, with a few markings of white; blue base; large flower. A very striking variety. Height 20 inches. Per doz., \$1.00; per 100, \$6.50; per 1000, \$62.00.

Single Late, May Flowering Mixed. A splendid mixture. Per doz., 60c; per 100, \$4.25; per 1000, \$38.00.



Grenadier Tulips

MINIATURE DUTCH ROMAN HYACINTHS

These are charming, single-flowered varieties that can be used for pots, bowls, boxes, or bedded in the garden. They may be grown in fibre with good results; plant quite close together.

All at \$1.25 per doz.; \$9.00 per 100; \$85.00 per 1000.

Gertrude. Clear pink.

Gigantea. Delicate rose.

King of the Blues. Dark Blue.

Garibaldi. Glowing carmine, early.

La Grandesse. White.

Moreno. Lovely pink.

Queen of the Blues. Azure blue.

EARLY FLOWERING FRENCH ROMAN HYACINTHS

These are used very extensively for forcing. The flowers, smaller than those of the preceding class, are more freely produced, two or more spikes shooting from a single bulb. Treat same as Dutch Hyacinths, in pots or boxes. The white variety, if planted early and gently forced, will bloom in December. The others are three or four weeks later. A 4-inch pot is large enough for a single bulb. Allow proportionate space when planting in larger boxes or pots.

White Mammoth Bulbs, 12-15 ctns.	\$2.50	\$18.00
Single Rose—First-sized bulbs	1.30	10.00
Single Blue—First sized bulbs	1.30	10.00
Single Yellow—First-sized bulbs	1.30	10.00

PLANT YOUR BULBS IN

JAP-BULB FIBRE

THE PERFECT COMPOST FOR GROWING BULBS IN THE WINTER

USE PREPARED BULB FIBRE FOR BEST RESULTS

This material is very popular for growing bulbs in, and is especially adapted for use in the home, being clean and odorless, and as it is light in weight can be sent to a distance at small expense.

It contains all the necessary plant food for almost all kinds of plants. Qt. 20c; ½ pk. 50c; pk. 85c. Postage 5c extra per quart.

Top-Root Exhibition Hyacinths

21-22 CENTIMETERS

A larger and better matured bulb than the ordinary exhibition size

Outdoor Culture.—The bulbs may be planted any time from October to December. They succeed in any good, well-drained garden soil. Set the bulbs so that the tops will be 3 or 4 inches below the surface and 6 to 10 inches apart. Before very severe weather comes on, cover the beds with straw, leaves or manure, to protect them from the frost; this should be removed when danger from hard frost is past in the spring.

For Pots, Bowls or Boxes.—Use porous soil thoroughly mixed with well-rotted manure and some sand, not omitting some drainage. A single bulb will require a 5-inch pot. Allow same proportionate space when planting a number of bulbs in larger pots or window-boxes. Remove any sprouts there may be at the base of the bulbs. Plant the bulbs two-thirds below the surface, water thoroughly and place in a cool, dark but airy situation until the roots are well established, then bring to the light. A temperature of 50 degrees, gradually increased to 60 degrees, will be a factor in securing the finest spikes and brightest colors.

For Glasses.— Use only select bulbs for this purpose. Fill the glass with clear, soft water, allowing the base of the bulb to barely touch the water. Place in a cool, dark location, letting them remain there until the roots nearly touch the bottom of the glass; then bring them to light. Replenish the water as it evaporates, or renew if it becomes offensive. As with pot-grown plants cool treatment will improve the quality of the blooms and render them more durable.

Price, except where noted, 40c each; \$3.50 per doz.; \$30.00 per 100.

Arentine Arendsen. The spike is unusually well filled and has a perfect round shape. The broad wide-open petals are of intense whiteness.

City of Haarlem. Undoubtedly the finest yellow for exhibition. Soft Naples-yellow, shaded deeper.

De Wet. A pale pink sport of Grand Maitre; quite the lightest pink in our list.

Dr. Lieber. Deep porcelain-blue, very much like the old Charles Dickens. A splendid grower with a good spike.

Electra. An immense, pyramidal truss of pale blue very fine and the palest in our list.

Gertrude. Fine dark pink compact spike. Fine for pots.

Grand Maitre. A leading deep lavender-blue. The bright blue bells form an elegant, somewhat loose spike of immense size and perfect shape.

King of the Blues. One of the largest flowers; splendid, well-finished truss of a most brilliant shade of indigo-blue.

L'Innocence. Pure white, bells and truss of largest size; the best all around white; always does well.

La Victoire. Without a doubt the finest brilliant scarlet-red in cultivation, although paler when forced.

Lord Balfour. A unique shade of lilac-rose, tinged dark violet, a distinct color; broad spikes of big waxy bells. Best variety of violet shades.

Queen of the Blues. The most popular of light blues.

Queen of the Pinks. A very lively shade of bright pink and has a splendid well-formed spike. If not forced too hard.

Yellow Hammer. Creamy-yellow compact spike and large bells.

See inside back cover for fertilizers adaptable to all bulbs listed on these pages. Order a supply with your fall bulbs.



City of Haarlem

NAMED HYACINTHS FOR FORCING AND BEDDING

Colors Separate. Single and Double Varieties

They are well adapted for open ground planting in mixed borders and informal beds, and on account of their low price are also extensively forced for Winter blooming and cutting.

	Doz.	100	1000
King of the Blues —Dark blue	\$2.00	\$16.00	\$140.00
Queen of the Blues —Light blue	2.00	16.00	140.00
Roi Des Belges —Red	2.00	16.00	140.00
Queen of the Pink —Light pink	2.00	16.00	140.00
L'Innocence —Pure white	2.00	16.00	140.00
Arentine Arendsen —Pure whiet	2.00	16.00	140.00

	Doz.	100	1000
Grande Blanche —Blush white	\$2.00	\$16.00	\$140.00
Yellow Hammer —Yellow	2.00	16.00	140.00
Gertrude —Deep pink	2.00	16.00	140.00
Mary —Purple	2.00	16.00	140.00
All Colors Mixed	2.00	16.00	140.00

Selected First Size Hyacinths

19 to 20 CENTIMETERS

Single-flowering varieties are principally grown both in indoor and outdoor culture. They force more readily and as a rule, produce larger and finer spikes of flowers than double-flowering varieties. Double Hyacinths are entirely satisfactory for bedding or pot culture, but require a longer season for their development.

Price of Hyacinth Bulbs, except where noted 30c each; \$3.00 per doz.; \$23.00 per 100.

SINGLE PINK, ROSE AND RED

Garibaldi. Deep crimson-red; large spike. Considered one of the best reds for early forcing.

Gertrude. Dark pink; compact spike. Fine for pots.

Gigantea. Light Pink; large truss. Fine for pots.

Lady Derby. Clear rose-pink; splendid spike, with large bells. Excellent forcing variety; quite the finest of all the rose-pink Hyacinths.

La Victoire. (Victory.) Brilliant dark pink. There is no brighter bedder. When planted outside, its color is a brilliant red and the beauty of it is that the color is plainly visible as soon as the bud appears, which makes a bed of Victoire attractive when other varieties show green buds only.

Moreno. Bright rose; heavy truss; large bells.

Roi des Belges. Clear rosy carmine; medium-sized but compact truss.

Queen of Pinks. (New.) Brilliant pink; long, compact spike. One of the finest varieties.

SINGLE BLUE, PURPLE AND VIOLET

Duke of Westminster. Rich deep blue with white eye.

Enchantress. Delicate porcelain blue, flushed paler; unusually long and full spike with large bells.

Grand Lilas. Dark lilac; splendid for bedding and forcing.

Grand Maitre. Dark lavender-blue; large bells and very long, well-filled truss on an unusually strong stem.

King of the Blues. Rich, dark blue; splendid spike and bells. Fine for late forcing.

Lord Balfour. Lilac-rose, tinged dark violet, a distinct color; broad spike.

Perle Brilliant. Light lavender-blue, a very handsome sort. Fine for pots and early forcing.

Schotel. Soft blue, shaded lilac; fine, large spike and bells.

Queen of the Blues. Unexcelled as a light blue.

SINGLE YELLOW

Buff Beauty. Pale yellow, striped dark straw yellow, with a flush of rosy flesh on back of bells. Long narrow truss with good bells and stem.

Yellow Hammer. Creamy yellow; fine, compact spike and large bells. One of the best standard yellows for pot culture.

SINGLE WHITE AND BLUSH

Arentine Arendsen. Pure snowy white; rather open, wide-petaled bells on narrow, well-filled spike.

General Vetter. Blush-tinted bells; long, well-formed spike.

La Grandesse. Pure white; long, full spike of perfect form, with waxy bells. Considered the best standard white for bedding.

L'Innocence. Pure white; excellent truss, with large bells of great substance. One of the best Hyacinths for pot culture.



Queen of the Pinks and Queen of the Blues

NAMED DOUBLE HYACINTHS

Selected First Size

Price, any of the first-size named Double Hyacinths offered below, 30c each; \$3.00 per doz.; \$25.00 per 100.

DOUBLE ROSE, ETC.

Chestnut Blossom. Bright Rose pink.

President Roosevelt. Bright lively pink; very large truss.

DOUBLE PURE AND TINTED WHITE

Isabella. The finest double blush-white; large bells and spike.

Double La Grandesse. The double flowering form of the well-known single pure white; extra fine.

DOUBLE BLUE, ETC.

Bloksberg. Finest light porcelain blue.

Garrick. Deep azure blue; very large spike.

DOUBLE YELLOW

Sunflower. Considered the finest double pure yellow.



HYACINTH GLASSES

We have two patterns in Hyacinth Glasses—Tall and Tye. Price of either: Each 40c, doz. \$4.25. Price does not include transportation.

Should always go by express.



2158-60 East Ninth St.
CLEVELAND, OHIO

AMOUNT ENCLOSED

Date

P. O. Order.....

Express Order

Check or Draft.....

Cash

Stamps

Total.....

Total.....

If to be sent by Mail be sure to include Postage on goods not quoted postpaid. See inside front cover of catalogue.

**For Postage and Express Charges see inside front cover of our Catalog
under Special Notice**

Never send Bills or Currency in a Letter. If necessary to do so be sure to REGISTER IT.
The safest form of remittance is a Check, Post Office or Express Money Order.

[illegible]

JOHNSON'S SEED STORE gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once. (OVER)

(OVER)

Narcissi or Daffodils

CALIFORNIA AND LONG ISLAND GROWN

We offer only the most popular varieties for either pot or outdoor culture.

Culture. Daffodils are not particular as to soil and will thrive for a number of years in ordinary soil. They are, with few exceptions, suitable for naturalizing and while preferring partial shade, will thrive in full sun exposure. They are very desirable for pot culture, three to five bulbs in a 5 or 6-inch pot producing an attractive group. By planting one or more varieties in succession, a fine display may be enjoyed throughout the first three months of the year.

GIANT TRUMPET VARIETIES

Duke of Bedford. White perianth, with loose, spreading petals and long, deep yellow trumpet well frilled at the mouth. The marked contrast in color between the deep trumpet and the glistening white perianth is very effective. A splendid exhibition sort. Height 16 inches. 40c each; \$4.00 per doz.; \$30.00 per 100.

Emperor. Perianth deep primrose yellow, trumpet rich yellow; a very large flower of wonderful substance. Excellent for naturalizing or forcing. Height 18 inches. 25c each; \$2.00 per doz.; \$14.00 per 100; \$1.25 per 1000.

Empress. White perianth of great substance; Trumpet rich chrome-yellow. Very showy for the border or for naturalizing. Does equally well when forced. Height 18 inches. Each 25c; Doz., \$2.00. Per 100, \$14.50; Per 1000, \$125.00.

Glory of Leyden. Perianth pale yellow broad and spreading, very long trumpet of golden yellow; enormous flower of great vigor and substance. An especially fine variety for borders and excellent for pot culture. Should not be forced hard. Must be planted early. Height 15 inches. 25c each, \$2.50 per doz.; \$15.00 per 100.

Golden Spur. Native of the Netherlands. Large-lobed trumpets, rich deep self-yellow, perianth large and spreading; early. Extra fine bulbs. Is freer and more reliable than Trumpet Major. Each 15c; \$2.00 per doz.; \$14.00 per 100; \$120.00 per 1000.

King Alfred. A king among the new varieties, one that responds splendidly to forcing and one that you should grow a few of. Wherever exhibited has caused a sensation. Perianth often measures 4 inches across, trumpet fully 2 inches. Jumbo size, 35c each; \$3.50 per doz.; \$25.00 per 100.

Mme. de Graaff. Pure white perianth, trumpet primrose, passing into white, well-formed at the brim. A good white for exhibition, or growing for decoration. Bulbs should be removed from containers immediately upon receipt, and planted; if permitted to remain will quickly decay. Height 15 inches. Jumbo size, 25c each; \$2.50 per doz.; \$15.00 per 100.

Spring Glory. Clear white perianth with long petals of splendid form, long trumpet of deep yellow, well reflexing at the brim. A very vigorous grower and one of the best of the newer Daffodils for pot culture. 35c each; \$3.50 per doz.; \$25.00 per 100.



Emperor

Van Waveren's Giant. A famous Holland variety. A veritable "Giant" among the "trumpets" producing freely immense flowers on strong stems 18 inches in length; trumpet very large with open mouth flanged at the brim. Color rich yellow perianth, petals primrose yellow; Height 18 inches. 60c each; \$6.00 per doz.; \$40.00 per 100.

Victoria. Large, erect flowers; creamy white perianth and rich yellow trumpet; forces easily. The earliest of Bi-colors. First size, Each 15c.; Doz., \$2.00; Per 100 \$15.00; Per 1000, \$120.00.

Double Narcissi

OLD FASHIONED DOUBLE YELLOW DAFFODIL

Von Sion. This, the most popular of Double Narcissi, is famous as the Old Double Yellow Daffodil. Rich golden yellow perianth and trumpet. This is one of the best winter-flowering and forcing sorts. Height 18 inches. Each 20c; Doz. \$2.00; 100, \$16.00.

Turn to the inside of front cover for information as to when we will ship bulbs for fall planting. It is important to have the soil ready to receive the bulbs when shipment is made.

Medium Trumpet Narcissi or Daffodils

This is also a very popular type or rather types of the Narcissus or Daffodil family. Splendid for garden culture, in pots or pans, or in flats, for cut-flowers.

The following varieties are grouped in some catalogues under the headings, Barrii, Incomparabilis and Leedsii types.

Note—"Perianth" is surrounding row of petals, or wings; "crown" or "cup" is the central cup or funnel-like tube.

BARRII. Daffodils belonging to this group are crosses between Yellow Giant Trumpets and the Poet's Narcissi. The crown usually is not over one-third the length of the perianth petals.

INCOMPARABILIS. The Incomparabilis varieties are also crosses between the Yellow Giant Trumpets and the Poet's Narcissi but the crowns are larger than those of the Barrii group, sometimes being three-fourths of the length of the perianth petals. The color is either yellow or white.

LEEDSII. These are crosses between White Giant Trumpets and Poet's Narcissi. The crowns are as large as those of the Barrii and Incomparabilis groups, but the perianth petals are always white, and the crowns are mostly white or light yellow.

Albatross (Barrii) Large flat, white perianth; cup pale citron, deep yellow-edged, and elegantly frilled at the brim. Splendid forcing and garden variety. Height 20 inches. 25c each; \$2.00 per doz.; \$14.00 per 100; \$130.00 per 1000.

Beauty. (Incomparabilis.) Sulphur yellow perianth, large yellow cup, marginal deep orange, scarlet flower, bold and strong and an excellent grower. 25c each; \$2.00 per doz.; \$14.00 per 100.

Lady Godiva. (Barrii.) Large, spreading perianth of pure white, cup large, pale yellow, edged orange-scarlet. A splendid variety in every way; excellent if planted out in combination with the variety Conspicuous. Height 18 inches. 25c each \$2.25 per doz.; \$15.00 per 100; \$125.00 per 1000.

Lucifer. (Incomparabilis.) Perianth sulphur white with long, well-rounded petals; cup chrome-yellow with intense orange-scarlet suffusions. A

bold, showy flower for outdoors, holding its color well, and splendid for exhibition. Height 18 inches. 15c each; \$2.25 per dozen; \$15.00 per 100.

Sir Watkin (Giant Chalice Flower.) A gigantic flower, the largest in this section; perianth sulphur yellow, cup slightly deeper in color and tinged with orange; fine for pot culture; in fact does well everywhere. Large bulbs. 15c each; \$2.00 per doz.; \$14.00 per 100; \$120.00 per 1000.

White Lady. (Leedsii.) Broad, white perianth of perfect form; small cup of pale canary, beautifully crinkled. A new sort that is conceded to be one of the best. Fine for outdoor planting, making a splendid cut-flower; good for pot culture also. Height 20 inches. Large bulbs. 25c each; \$2.00 per doz.; \$14.00 per 100.



Paper White Narcissi



Narcissus Barrii Albatross

POLYANTHUS NARCISSI VARIETIES FOR EARLY FORCING

Suitable for Growing in Water

The Polyanthus varieties all are suited for growing in pots or bowls with pebbles or fibre. They are very free flowering, bearing six to nine flowers on a stem.

Grand Soleil d'Or. A very popular yellow bunch-flowering variety of the Polyanthus type. Flowers a clear, sunny yellow, with bright orange cups. Excellent for early flowering indoors. 25c each; \$2.50 per doz.; \$18.00 per 100; \$160.00 per 1000.

SMALL WHITE PEBBLES

These are placed in vases or bowls in which Chinese Sacred Narcissi, Paper-White Grandiflora Narcissi or Dutch Roman Hyacinths are grown in water. Not mailable. Qt. 15 cts., 2 qts. 25c.

GIANT PAPER WHITE GRANDIFLORA

Suitable for Growing in Water

This large-flowering Paper-White Narcissus is such an improvement over the ordinary Paper-White that we have decided to discontinue the sale of the latter. It can be had in bloom from Christmas to Easter. Plant bulbs in shallow boxes or pots so that they almost touch each other, and store in a cool cellar or shed until rooted. By bringing into the light during early November they may be had in bloom for Christmas. Excellent results can be obtained by growing in bowls of water and pebbles or moss, the same as the Chinese Sacred Lily. Pre-paid by mail or express to your home.

	Doz.	100	1000
Jumbo bulbs	\$1.00	\$7.50	\$65.00
First size bulbs .....	.75	6.50	55.00

White Pearl Chips, used the same as pebbles, lb. 20c; 2 lbs., 35c.; 5 lbs. \$1.25; Colored Pearl Chips, lb. 25c; 2 lbs. 40c; 5 lbs. \$1.50.

POET'S AND POETAZ NARCISSUS

Poetaz Narcissus, a perfectly hardy strain of bunch-flowered Narcissus, was obtained by crossing Poeticus and Polyanthus varieties.

This is the old-fashioned type with white flowers, the cups margined with red and with rich, spicy odor. For indoor culture the Oratus is best. The Poetaz varieties are also of exceptional value for forcing.

Poeticus (Pheasant's Eye). Pure white perianth, cup edged saffron. 20c each; \$1.75 per doz.; \$11.00 per 100.

Poeticus Ornatus. A much improved form of the ordinary Poeticus, producing large flowers and appearing two weeks earlier; for this reason they are especially adapted for forcing and making a splendid cut flower. Mammoth bulbs 20c each, \$1.75 per doz.; \$11.00 per 100.

Poetaz Aspasia. Perianth pure white, yellow eye, four or five large flowers 25c each; \$2.00 per doz.; \$15.00 per 100.

Poetaz-Elvira. A large flower of remarkable substance; perianth pure white with a yellow eye; three or four flowers, two or three stems to a bulb; strong grower and free flowering. Splendid for pots, pans or garden culture. Height 24 inches. 25c each; \$1.75 per doz.; \$13.00 per 100.

Poetaz-Irene. Yellow perianth, with deep golden yellow cup; broad flowers borne seven to eight on a stem; three stems to a bulb. The largest yellow. 25c each; \$2.00 per doz.; \$15.00 per 100.

SPIREAS

November delivery

This beautiful pot plant, usually grown by the florist for Easter, we are able to offer in three named varieties, in clumps suitable for growing in 6-in. pots.

Gladstone. Large spikes of pure white flowers, borne on strong stems 18 inches high.

Queen Alexandra. A popular variety on the order of Gladstone, but of a pale pink color.

Peach Blossom. A very lovely shade of peach blossom pink. A very free-flowering variety.

Strong Clumps of any of the above 3 varieties, \$1 each, \$10 per doz., \$75 per 100.

JONQUILS

Narcissus, Jonquilla and Odorus

Jonquils are a small-flowering type of Narcissus and prized for their graceful, golden fragrant blossoms and the ease with which they may be grown. The single varieties may be flowered by Christmas. Very easily grown and should be planted in quantity for cutting for their exquisite fragrance. Five or more bulbs to a pot or pan will form a graceful house adornment.

Campernelle. (Narcissus Odorus.) A grand variety, producing freely large yellow flowers, very sweetly scented; a strong grower; doing well in almost any position 15c each, \$1.50 per doz.; \$11.00 per 100; \$95.00 per 1000.

Giant Campernelle Rugulosus. The largest and finest of all Jonquils; a handsome flower; color pure yellow; very fragrant, 15c each; \$1.50 per doz.; \$10.50 per 100; \$95.00 per 1000.

CHINESE SACRED LILY

The "Shui Cin Far", or Water Fairy Flower, Joss Flower or Flower of the Gods, etc., as it is called by the celestials, is a variety of Narcissus, bearing in profusion chaste flowers of silvery white, with golden yellow cups. They are of exquisite beauty and entrancing perfume.

They do well in pots of earth, but are more novel and beautiful grown in shallow bowls of water, with enough fancy pebbles to prevent them from toppling over when in bloom. A dozen bulbs, started at intervals will give a succession of flowers throughout the winter. We have found that first-size bulbs as generally sent out by other houses, do not flower satisfactory, and we therefore offer only the Mammoth sizes.

Mammoth bulbs, 35c each; \$3.50 per doz. **Original baskets containing 30 bulbs** \$8.50.

ADCO

**ODORLESS—WEED-FREE
ARTIFICIAL STABLE MAN-
URE FOR THE GARDEN**

**MADE IN YOUR OWN GAR-
DEN, WITHOUT ANIMALS**

England, the country of beautiful gardens, has discovered a way to make manure without dependence upon stables. The process consists of making a heap of all garden trash as it is collected, wetting it thoroughly, and adding to it a bacterial food—known as ADCO. In the course of three or four months the heap is converted by the action of the growing bacteria into a pile of excellent manure.

The product is **clean manure**. It has no odor. It repels flies. It is practically free from weed seeds. Nevertheless, it is **real old-fashioned manure**—not a substitute for it. The only difference between this artificial manure and the barnyard variety is in the way it is made and not in the resulting product.

ADCO, in 25-lb bags each **\$2.25**
(Enough for making 12 wheelbarrow loads of garden waste, making one-half ton of manure.)

ADCO, in special 150-lb. bags, each **\$11.50**
(Enough for a heap 10 ft. x 10 ft. by 6 ft., making about 3 tons of manure.)

LAWN SEED

Our Reliable Lawn Seed is composed of the finest re-cleaned grasses, care being taken to include various varieties of grasses of the highest purity and germination, best suited for a perfect lawn.

The varieties are carefully proportioned so that they will succeed one another and give the lawn that much desired green, velvety appearance throughout the Summer. The remarkably heavy demand for our lawn seed the past few years proves the quality. See back cover for prices.

NEW NOVELTIES IN CROCUS

The following new varieties won the Prize of Honor at the Haarlem Exhibition.

CAESAR. Fine large purple.

EDINA. Extra large flower having mauve stripes on a white ground; margined white; base and stem are purple.

KATHLEEN PARLOW. Purest white with large orange anthers.

MIKADO. Pale greyish lilac, inside deep mauve stripes.

PALLAS. White with fine light stripes; orange anthers. Extra large flower.

SCIPIO. White outside with purple base and pale mauve stripes inside. Orange anthers.

All novelties listed above, 50c per doz.; \$4.00 per 100; \$36.00 per 1000.

Selected Crocus Bulbs

Crocus, among the earliest bulbs to flower, are most effective when planted in masses on the lawn, or arranged in three or four rows of one color in the border. They are perfectly hardy, and may be left in the ground for three or four years after planting without being disturbed. The best method is to scatter the bulbs about the lawn and use an ordinary garden dibble or transplanting trowel, inserting several bulbs in each place. This makes a very pretty effect in the spring, and the foliage and the tops may safely cut along with the grass when the first mowing is made.

The *Giant-Flowering Varieties* are very ornamental when flowered in pots of eight or ten bulbs to a 5-inch pot.

	Doz.	100	1000
King of the Whites	\$0.40	\$3.00	\$25.00
Monte Blanc. Pure white .....	.40	3.00	25.00
Baron von Brunow. Purplish blue .....	.40	3.00	25.00
Pres. Lincoln. Deep purple .....	.40	3.00	25.00
Sir Walter Scott. White striped purple .....	.40	3.00	25.00
Mammoth Golden Yellow .....	.50	4.00	35.00
Mammoth Finest Mixed. Extra large....	.40	3.00	25.00
Standard Size, finest mixed .....	.35	2.75	23.00



Mammoth Golden Yellow Crocus

LILY OF THE VALLEY

COLD STORAGE FOR FORCING

For forcing, plant twelve pips in a 6-inch pot, keeping the crowns above the soil; place in a temperature of about 80 degrees, covering the pots with moss; keep them moist continually. They should flower three or four weeks from the time of planting. For the garden, plant the single pips 4 inches apart; they will increase rapidly and form one mass, blooming every spring.

By Parcel Post, add postage at Zone rate. Weight per bundle, 2 lbs.

Best Quality Selected Pips. From cold storage for forcing immediately. \$1.00 per doz. Per bundle, 25 pips. \$2.00; 100, \$7.00.

LILY OF THE VALLEY ROOTS

(For Outdoor Culture)

By Parcel Post add postage at Zone rates. Weight 1 lb. per doz.

We strongly recommend them for outdoor planting only. Each clump has from 10 to 25 pips or crowns, and they are grown from the large flowering varieties. Doz. 50c; Per 100, \$3.00.



Lily of the Valley

See inside of back cover for a complete list of fertilizers that are indispensable in the culture of flowers of all kinds. All bulbs and flowers respond surprisingly well to any extra care that may be given them.



Freesias, Improved Purity

Giant Freesias

Without doubt the most sweetly scented flower grown; a single bloom permeates the living-room with its delicate perfume. Although they are quite popular and very easily raised, we would suggest the following treatment:

In succession August to October, using from 6 to 25 bulbs for a single pan. In a mixture of loam, to which must be added leaf-mold and sand. In October, before frosts appear, the pots should be placed in frames, if possible, or near the window of an unheated room. Not before November must the young plants be brought to gentle heat, and if thus cared for they will flower perfectly in January. The foliage of the Freesias is very fine and slender and must be supported with light stakes placed around the outer edge of the pans. The glistening, pure white flowers are born on long stems, and are very valuable for cutting.

JOHNSON'S IMPROVED PURITY

Through painstaking effort our grower of Freesia Purity has maintained such a quality in our strain of this very desirable cut-flower by careful selection as to justify us in offering it as an improved strain, as compared to many of the strains indiscriminately grown, and offered today.

	Doz.	100	1000
Monster bulbs	\$0.75	\$5.00	\$45.00
Mammoth bulbs .....	.60	4.50	40.00

New Colored Freesias

The following seven most beautiful new colored Freesias are the result of many years of painstaking effort on the part of that well known specialist, Alois Frey, who introduced a few years ago, the grand variety General Pershing, which today commands the largest sale of any colored Freesia ever placed on the market. These choice Freesia Novelties created a sensation the past season.

California. A large flower of bright, golden yellow, extra fine, strong growth and long stems; one of the very finest yellow freesias. \$1.00 per doz.; \$8.00 per 100.

Carmencita. Medium sized flower of a beautiful light orange-salmon hue with buff shading on the lower petals; long, wiry stems. \$1.00 per doz.; \$8.00 per 100.

Ilena. Deep rosy lavender with white throat, deep orange blotch on lower petal and good, stiff stems; flowers very large and very attractive. \$1.50 per doz.; \$10.00 per 100.

June Michelsen. Large-flowering, deep rose pink with light blush throat; three lower petals are veined purplish crimson with a deep yellow

blotch on center petal; good, stiff stem and stronger constitution; a variety of special merit. \$1.50 per doz.; \$10.00 per 100.

Olivette. Bright carmine red with light yellow throat, lower petals having a deep yellow blotch with crimson veins; very profuse bloomer. \$1.50 per doz.; \$10.00 per 100.

General Pershing. One of the finest of the new colored Freesias. A clear carmine-pink with white throat. A fine, tall grower, very decorative. \$1.00 per doz.; \$7.00 per 100; \$60.00 per 1000.

Fischer's Splendens. Flowers same size as Purity. Color deep lavender. \$1.00 per doz.; \$8.00 per 100; \$75.00 per 1000.

JOHNSON'S RAINBOW MIXTURE

These beautiful novelties are rapidly winning favor on account of their lovely and unique colorings, their delicate fragrance and free-blooming qualities. Their culture is the same as other Freesias. Mixed colors only, 85c per doz.; \$6.00 per 100.

MUSHROOM SPAWN

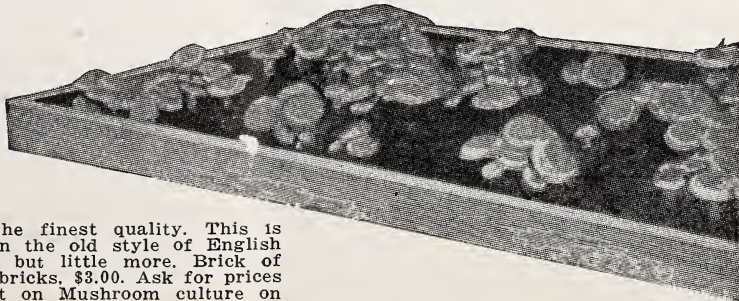
Have Fresh Mushrooms on Your Table Every Day.

The ease and certainty with which a crop of Mushrooms can be grown to perfection in an ordinary house cellar, woodshed or barn, and the astonishing success of so many who have taken up this new industry, both for profit and their own use, induces us to call especial attention to the subject. The great luxury of Mushrooms can be enjoyed by all at a trifling expenditure of money, time and labor. We recommend our Pure Culture Mushroom Spawn as generally better both for market garden and the private planter. Directions for culture sent on application. Ten bricks will plant 100 square feet.

Pure Culture. (In bricks.) The finest quality. This is vastly more dependable than the old style of English Milltrack Spawn and costs but little more. Brick of about 1½ lbs., 35c each; 10 bricks, \$3.00. Ask for prices for larger lots. Free leaflet on Mushroom culture on request.

BOOK ON MUSHROOMS

This contains very complete yet easily understood directions for growing Mushrooms from Pure Culture Spawn. It is a practical book for the amateur as well as the experienced grower. Illustrated. Cloth. Price, \$1.00.



Hardy Lilies

We especially recommend deep planting, say, from 6 to 8 inches deep; varieties like Speciosums require at least 8 inches, with an ample amount of sand beneath the bulb to insure proper drainage. Cover the beds with leaves or litter during winter. Lilies thrive well in borders, formal gardens, or shrubbery, and usually flower at a time when the shrubbery has ceased blooming, adding increased interest.

Most Lily Bulbs, being of later maturity, do not arrive in our country until October and November which is conceded to be the best time to plant. Where the ground is liable to freeze before the late Lilies arrive, it should be mulched with leaves or manure.

If Lily bulbs are to be sent by parcel post, add postage at your zone rate. Bulbs 11x13 and 12x14 inches, weight 8 ounces; 9x10 and 9x11 inches, 6 ounces; 7x9 inches, 4 ounces; all other varieties, 2 ounces.

Prices Subject to Change

LILIUM CANDIDUM

(MADONNA LILY)

Choice Northern-Grown. Arrive in Aug. or Sept.

The favorite Lily of the old-fashioned garden, produces strong, stiff stems, studded with a mass of pure, glistening white flowers, that enliven the perennial flower garden or for contrast with the beautiful green shrubs of the June garden, are unequalled, frequently growing $4\frac{1}{2}$ feet high.

Jumbo bulbs 50c each; \$5.00 per doz.; \$40.00 per 100
Mammoth bulbs, 40c each; \$4.00 per doz.; \$30.00 per 100
First size bulbs, 35c each; \$3.50 per doz.; \$25.00 per 100

LILIUM AURATUM

The Golden-rayed Lily of Japan

November and December Delivery

One of the finest of the hardy garden Lilies. It thrives best in locations where the lower portion of the plant will be partially sheltered from the hot sun, as among peonies or herbaceous plants in the hardy border, where groups of six to twelve of these Lilies produce a stately and magnificent effect. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Produced abundantly from June to October, and possess a most delicious fragrance, 3 to 5 feet.

	Each	Doz.	100
9 to 11 in. in circum.....	\$0.45	\$4.50	\$35.00
11 to 13 in. in circum .....	.65	6.50	50.00

LILIUM SPECIOSUM MAGNIFICUM

Oriental Orchids. November and December Delivery

Words cannot describe the beauty of this variety. Frosted white, spotted, clouded and bordered with deep pinkish crimson. For the border, among hardy plants or naturalized among rhododendrons. Splendid for pot culture as well. Blooms outside during August.

	Each	Doz.	100
9 to 11 in. in circum	\$0.45	\$4.50	\$35.00
11 to 13 in. in circum .....	.65	6.50	50.00

LILIUM SPECIOSUM ALBUM

November and December Delivery

Pure white, with green band in the center of each petal; very fragrant.

	Each	Doz.	100
8 to 9 in. in circum	\$0.45	\$4.50	\$35.00
9 to 11 in. in circum .....	.65	6.50	50.00

*SPECIOSUM Melpomene. Large rich blood crimson flowers heavily spotted. Each Doz. 100

Extra large bulbs, 9 to 11 in.....	\$.45	\$4.50	\$35.00
Mammoth bulbs, 11 to 13 in.....	.60	6.00	45.00
Monster bulbs 13 to 15 in.....	1.00	11.00	80.00

*SPECIOSUM rubrum, or roseum. White, shaded with deep rose and spotted red.

	Each	Doz.	100
Extra large bulbs, 9 to 11 in.....	\$0.45	\$4.50	\$35.00
Mammoth bulbs, 11 to 13 in.....	.60	6.00	45.00
Monster bulbs, 13 to 15 in.....	1.00	11.00	80.00



Lilium Candidum

LILIUM REGALE

(A Regal Beauty)

October Delivery

The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, blending out part way up the trumpet. The fragrance is fascinating, similar to the jasmine. A splendid hardy Lily for the garden, flowering about July 1. Well-grown bulbs often produce five to eight blossoms. 75c. each, \$7.50 per doz., \$60 per 100.

OTHER HARDY LILIES

October Delivery

HANSONI. Attains the height of 3 to 5 feet. Reflexed blossoms 2 inches across; petals bright orange yellow, faintly spotted brown, eight to twelve in a cluster. Flowers in June or early July. 75 cts. each, \$7.50 per doz., \$60 per 100.

HENRYI. Similar to Speciosum. Beautiful orange-yellow flowers with a green band. Hardy and easy to grow, blooming in August and September 75 cts. each, \$7.50 per doz., \$60 per 100.

BATEMANNIAE. Clear orange-apricot, without spots. Each, 50c; doz., \$5.00; per 100, \$40.00.

KRAMERI. Blush pink, fragrant and beautiful trumpet-shaped flowers. Each, 50c; doz., \$5.00.

HARDY TIGER LILIES

Tigrinum flore pleno. (Double Tiger Lily.) Double orange flowers, spotted black. First size bulbs, 30c each; \$3.00 per doz.; \$20.00 per 100.

***Tigrinum splendens.** (Improved Tiger Lily.) Rich scarlet, with dark spots. First size bulbs, 30c each, \$3.00 per doz.; \$20.00 per 100.

ALL LILY PRICES ARE SUBJECT TO CHANGE

Lily Bulbs For Outdoor Growing

CALLA LILIES

These like a stiff, clayey soil with a small quantity of shredded cow-manure. Bulbs should be set with the crown, or top, protruding just above the surface. When in growing condition, warm water given several times during the week will hasten the flowering period and increase the number of blooms. When using the large-sized bulbs, plant but one in a pot; smaller ones, two. We call especial attention to the Yellow Calla, which is one of the grandest varieties in cultivation, and most valuable for house or conservatory decoration. See the description below. Plant Callas indoors only in the fall of the year.

WHITE CALLA LILY—	Each	Doz.	100
Jumbo size	\$0.50	\$5.00	\$40.00
Mammoth size .....	.40	4.00	30.00
First size .....	.25	2.50	20.00

YELLOW CALLA LILY. A grand novelty—one that should be planted extensively. The deep golden yellow flowers are truly magnificent and produced in abundance. The green foliage is spotted creamy white, which adds to its beauty.

	Each	Doz.	100
First-size bulbs	\$0.40	\$4.00	\$30.00
Mammoth bulbs .....	.50	5.00	40.00

Miscellaneous Bulbs and Roots

AMARYLLIS

Culture. Place the bulbs in live moss, only moderately moist, near a window of a warm room. Watch the bulbs carefully, and when the first sign of growth appears through the top, get a 6-inch pot and be ready to pot. The soil should be a fairly rich one, and when set, most of the bulb should be above the soil. Be moderate in watering first, but increase as growth increases, then place in a warm, light room near the window, and the spikes usually appear in a short time.

GIANT FLOWERING HYBRIDS

Variegated. Some Fiery Red with white centers in the petals—others white streaked with crimson, and some all crimson. \$1.00 each, \$10.00 per dozen.

ANEMONE

(Windflower)

The variety offered below are charming hardy flowers. Both double and single are equally desirable. They are suitable for pot or border culture, and when planted in masses are most effective. They succeed best in a light, rich, well-drained loam. Plant in November, or as soon as the ground can be worked in the spring. If planted in the autumn they should be covered with leaves, straw or long manure on the approach of winter.

Coronaria Mixed. Doz., \$1.00; 100, \$7.50.

BLEEDING HEART

Dicentra spectabilis. (Dielytra) (Bleeding Heart or Lyre Flower.) Ready in November. A beautiful plant for the border and elegant as a pot plant for the house. An old favorite, ever delightful, with sprays of beautiful pink and white flowers, heart-shaped. **Large clumps, 75c each; \$6.50 per doz.**

CHIONODOXA

(Glory of the Snow)

An early-flowering spring bulb for borders or rockery. Produces flower-spikes bearing ten to fifteen Scilla-like flowers. Perfectly hardy and should be placed close together for effect.

Luciliae. Bright sky-blue with white center. 60c per doz.; \$4.00 per 100.

Sardensis. Deep blue 60c per doz.; \$4.00 per 100.

FRITILLARIA IMPERIALIS

(Crown Imperials)

Well-known hardy border plants, bearing clusters of immense, pendent, bell-shaped flowers,

EASTER LILIES

We offer three types of the Longiflorum Lily usually grown by the florist. Of the three types we recommend **Lilium formosum** as the best for private conservatory growing.

LILIUM HARRISII—

These bulbs usually arrive from Bermuda in July.

	Each	Doz.	100
7 to 9 inches in circumference ..	\$0.60	\$6.00	\$45.00
9 to 11 inches in circumference ..	.90	9.00	70.00

L. LONGIFLORUM FORMOSUM—

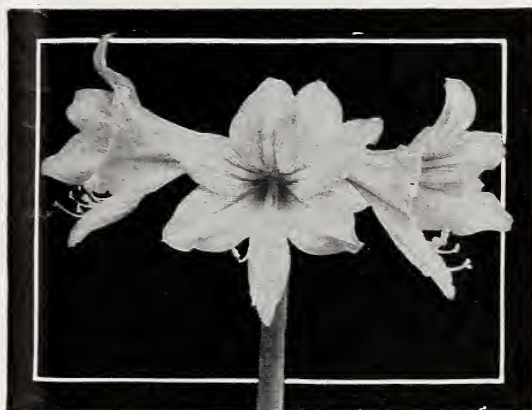
We have contracted for and expect some of each of the following sizes about Sept. 1.

	Each	doz.	100
7 to 9 inches in circumference ..	.50	\$5.00	\$40.00
9 to 10 inches in circumference ..	.75	7.50	60.00
10 to 12 inches in circumference ..	.90	9.00	70.00
11 to 13 inches in circumference ..	1.00	11.00	80.00

L. LONGIFLORUM GIGANTEUM—

We have contracted for and expect some of each of the following sizes to arrive October or early November.

	Each	doz.	100
7 to 9 inches in circumference ..	.40	\$4.00	\$30.00
9 to 10 inches in circumference ..	.55	5.50	45.00
10 to 12 inches in circumference ..	.75	7.50	60.00



Amaryllis

surmounted with a tuft of green leaves. They are excellent for hardy borders and may be left undisturbed for years.

Aurora. Orange \$0.35 3.50 25.00

Crown on Crown. Several whorls of red flowers, one above the other..... .35 3.50 25.00

FRITILLARIA MELEAGRIS

Singular, dwarf, spring-flowering plants, bearing large, pendent bell-shaped flowers of various colors, in yellow, white, black, purple, striped and splashed, and checkered in the most curious way. They are invaluable for pot culture, and exceedingly pretty when grown in large groups in the garden border or wild garden in a dry situation.

	Doz.	100	1000
Alba White	\$1.00	\$8.00	\$75.00
Calypso. Purple	1.00	8.00	75.00
Mixed. Select mixtures .....	.80	6.00	55.00

GRAPE HYACINTHS

(Muscara)

Hardy as an Oak. Splendid for Naturalizing.

Beautiful little flowers for planting in masses either in shade or sun. Also adapted for growing indoors. Plant six bulbs in a five-inch pot and treat same as Dutch Hyacinths.

Imported Heavenly Blue. 60c per doz.; \$3.50 per 100; \$30.00 per 1000.

MISCELLANEOUS BULBS AND ROOTS—CONTINUED

GLADIOLUS COLVILLEI

Delivery in October and November

The Colvillei section should not be confused with the Gandavensis or large-flowering Gladioli. The Colvillei has much more slender spikes and daintier flowers, which are pretty for cutting; arranged in vases with ferns and other foliage. Often planted in carnation beds.

Blushing Bride. A very delicate pink with bright carmine blotch in the throat. 80c per doz.; \$7.00 per 100.

Peach Blossom. A very lovely shade of soft pink on the order of the Killarney rose. 80c per doz.; \$7.00 per 100.

The Bride. Pure white 80c per doz.; \$7.00 per 100.

SPANISH IRIS

Iris Hispanica bulbs

These exquisite and dainty flowers may be justly termed the "poor man's orchid," as the colorings and markings are scarcely surpassed by that noble genus. The flowers are exceedingly graceful, of large size, frequently 4 to 5 inches across, and are borne on stems 24 inches tall.

They may be planted in pots and stored in cold-frames over winter, and forced into bloom during March. They are seen to the best advantage if arranged in masses of the different colors, all of which combine splendidly, in borders or beds. Plant bulbs 3 to 4 inches deep, and the same distance apart. Sharp builders' sand, to the depth of one inch beneath base of the bulbs will amply repay by more luxuriant spikes and larger flowers. A situation well open to the sun suits them best, and, like all bulbous Irises offered, a slight mulch will prove beneficial.

Belle Chinoise. Bright sunny yellow.

Cajanus. Rich golden yellow.

Heavenly Blue. Deep sky-blue.

Hercules. Beautiful bronze.

King of the Blues. Deep dark blue.

King of the Whites. Large; pure white.

Selected bulbs, any of the above varieties, \$1.25 per doz.; \$8.00 per 100; \$75.00 per 1000.

IXIAS

Charming, winter-blooming bulbs of easy culture, with long, slender, graceful spikes of bloom. The colors are varied and beautiful, the center of the flower is always distinct in color from the outer parts, the effect of which is very striking. Six to eight bulbs can be planted in a 6-inch pot.

	Doz.	100*
Azurea, Azure blue	\$0.85	\$6.00
Bridesmaid. White, carmine eye.....	.90	6.50
Crateroides Major. True bright scarlet	1.30	10.00
Mozart. Dark yellow, black eye .....	.85	6.00
Viridiflora. Green, black center	1.00	8.00
Fancy Mixed .....	.50	3.50

OXALIS

Valuable for winter flowering; elegant for pots and baskets.

Bermuda Buttercup. Very good for winter flowering being free and continuous; pure bright yellow flower. 50c per doz.; \$3.50 per 100.

Grand Duchess. Lavender, White or Pink. Flowers are large, often measuring 3 inches in diameter. 55c per doz.; \$3.50 per 100.

RANUNCULUS—BUTTERCUP

Plant in November for early bloom in frames. Set tubers 3 to 4 inches apart, pressing them firmly into the soil, claws downward, and cover them with sand, then with soil; keep the crown of the tuber two inches under the surface. During dry weather the plants should be given abundance of water.

Johnson's Finest Mixed. \$1.00 per doz.; \$7.00 per 100.



Spanish Iris

SCILLAS

SQUILL

Very hardy and beautiful class of bulbous plants Desirable for house and garden culture. Charming in all respects. Splendid for naturalizing. Will grow and flower in shady places where most flowers will not exist.

Scilla Sibirica. Intense bright blue 80c per doz.; \$6.00 per 100; \$58.00 per 1000.

Sibirica Alba. Pure white. 80c per doz.; \$6.00 per 100; \$58.00 per 1000.

SNOW DROPS

GALANTHUS

The charming Snowdrop is the first of fall flowers to herald the approach of spring. It can frequently be seen in bloom when the ground is white with snow as it takes every advantage, and hastens to display its graceful snow-like bells before the winter has disappeared. In conjunction with *Chionodoxes* and *Scilla Sibirica*, a matchless effect can be produced. It is possible to grow these in pots in the house. A dozen bulbs will fill a 5-inch pot. They will stand forcing, doing best in a low temperature.

Single. Pure white, graceful bells; early flowering. Doz., 70c; 100, \$5.00.

Double. Flowers perfectly double; pure white. Doz., 80c; 100, \$6.00.

TRILLIUM

(Wood Lily, or Wake Robin.)

Grandiflorum. Excellent plants for shady positions in the hardy border, or in a sub-aquatic position. Large white flowers in early spring. Each. 35c; doz., \$3.00; 100, \$20.00.

Beautiful Irises, in Roots and Bulbs

Few flowers are equal in merit to the Iris, in its many form and gorgeous colorings. The Iris offered on this page are roots and are grown just like the daffodil or tulip. The Dutch Iris in this latitude flowers during May, the Spanish in early June. *Iris filifolia* imperator and *Iris tingitana* are usually grown indoors in pots. Bulbs do best if planted in October, and also seem to do better if protected with a slight covering during winter.

JAPANESE IRIS

Iris Kaempferi

The Japanese Iris usually flower after the German. They are much admired on account of their variety of color and large size. We offer eight of the finest distinct varieties that we know of. They have been selected by us from a large collection of the best named sorts. Six-petal varieties are termed double; three-petal varieties, single.

Amethyst. (Single.) Immense, wide-spreading flowers of fine substance. Color, light lavender or amethyst.

Azure. (Double.) Immense flower; exquisite wavy; mauve blue with darker halo surrounding the yellow blotch at the base of the petals.

Gold Bound. (Double.) Tall and showy with flowers of enormous size, probably the most beautiful of all. Pure white with large gold-banded center.

Mahogany. (Double.) Dark red, shaded maroon.

Norma. (Double.) An exquisite silky lavender-pink, with clear blue disk and yellow spot at the base of petals. Very fine and a long step towards a pink.

Templeton. (Double.) Light violet shade, mottled reddish pink and white. Often triple; exceedingly fine in form.

Any of the above Japanese Iris. Each 60c; Doz. \$5.50.

GERMAN IRIS

(Roots)

Fleur-de-Lis, or Blue Flags

During May, the Irises rule supreme in the hardy border where they thrive in soil too poor to grow



Japanese Iris

potatoes. The Irises are the "Flags" of the old fashioned gardens. They are most effective when used as edging for shrubbery or garden border.

Named varieties, 25c each; \$2.50 per doz.; \$25.00 per 100.

Midnight. A rich deep purple; the finest in this color. A fine cut-flower.

King of Iris. A striking novelty, with flowers perfect form, the standards clear lemon color; falls deep satiny brown, with a broad border of golden yellow.

Loreley. Flowers perfect shape. Falls of a deep ultra-marine blue, more or less veined creamy white, with a border of sulphur-yellow. The standards are pale sulphur-yellow.

Madame Chereau. White, elegantly frilled with a wide border of clear blue. One of the most charming sorts.

Shakespeare. Standard bronzy yellow; falls maroon, reticulated yellow.

Walhalla. Standards lavender; Falls wine-red; very showy and attractive color combination.

Ingeborg. Pure white. Very large flower.

IRIS TINGITANA

(Come in bulbs only.)

A cross between the Spanish and Dutch Iris and without a doubt, the finest early-flowering bulbous sort. They make a beautiful cut-flower. The color is a rich, deep blue. \$1.75 per doz.; \$12.50 per 100.

SIBERIAN IRIS

Sibirica Orientalis. Rich, violet-blue; very free and one of the best. June 3½ feet. 25c each; \$2.50 per doz.; \$15.00 per 100.

Snow Queen. A new variety of great merit; forms an attractive plant; flowers snow white. 25c each; \$2.50 per doz.; \$15.00 per 100.



German Iris

Peonies—Ready in October



Duchess de Nemours

Those of our customers who are fond of the old-fashioned "Pineys" of grandmother's garden will be even more delighted with the modern marvels which the skill of the hybridizer has given us.

Mailing weight, 16 ozs. each root.

Albatre. Large, compact, globular rose type. Petals edged milk-white with the fine line of lilac. Strong grower and free bloomer. \$1.25 each; \$10.00 per doz.

Dorchester. Large, compact rose type; pale pink; fragrant. Free bloomer. Dwarf. \$1.50 each; \$9.00 per doz.

Duchesse de Nemours. Medium size. Sulphur white. Free bloomer and strong grower. 75c each; \$8.00 per doz.

Felix Crousse. Large; globular; brilliant red. Free bloomer. One of the best Peonies. \$1.00 each; \$10.50 per doz.

Festiva Maxima. Very large; white. Vigorous grower and free bloomer. 85c each; \$8.00 per doz.

Mlle. Leonie Calot. Delicate rose with lilac-pink center. Good grower. Medium tall. \$1.00 each; \$10.00 per doz.

Richardson's Rubra Superba. Deep carmine or crimson. Fragrant. Good grower. Very late. \$1.50 each; \$12.50 per doz.

Hardy Perennial Plants FOR FALL PLANTING

The steadily increasing demand for hardy plants has induced us to make arrangements whereby all the plants we offer are tested to determine their relative merits. Consequently, the amateur or professional gardener may rest assured that all the varieties offered will produce the desired effects, when judgment in arranging and care in planting are observed.

For such of our customers who are not acquainted with the different varieties, we shall be pleased to make suitable selections of the most desirable species, that once planted, with very little care, will keep the garden gay with flowers from the time frost leaves the ground until late in autumn.

All plants are forwarded on receipt of order (weather permitting), unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward plants by Parcel Post, and if wanted sent in this way add 5c each, or 30c per dozen. Six plants of a kind at dozen rate.

The size mentioned in the description indicates the approximate height that the plant may be expected to attain at maturity.

ACHILLEA Ptarmica, "The Pearl." Small double white flowers in open heads, blooming profusely all summer. 2 feet. Doz., \$2.50; \$15.00 per 100.

ACONITUM Napellus. (Monkshood.) Dark blue flowers hooded in dense heads from July to September. 3 ft.

Napellus album. Pure white hooded-flowers.

Napellus bi-color. Flowers blue and white.

\$3.50 per doz.; \$25.00 per 100.

AGERATUM, Hardy, Princess Pauline. Bright blue.

ANCHUSA, (Dropmore.) Beautiful rich blue. 5 to 6 feet. Each, 35c; \$3.50 per doz.; \$20.00 per 100.

AQUILEGIA, Long-spurred Varieties, Mixed. A selected strain of immense flowers in all the brilliant shades. 30c each; \$2.50 per doz.; \$18.00 per 100.

BOLTONIA latisquama. Very showy pink flowers, fine for cutting. August and Sept. 4 to 5 ft. 30c each; \$2.50 per doz.; \$15.00 per 100.

CAMPANULA (Bluebells).

Giant Cup and Saucer Canterbury Bells. (Campanula media calycanthema.) The large cup- and saucer-shaped flowers are extremely handsome. Separate colors, blue, pink, white and mixed. 30c each; \$2.50 per doz.; \$18.00 per 100.

Canterbury Bells. (Campanula media.) Our strains of Canterbury Bells is unexcelled. We grow them in separate colors, blue, pink, white and mixed. 30c each; \$2.50 per doz.; \$18.00 per 100.

CHRYSANTHEMUMS. All colors. 25c each; \$2.50 per doz.; \$15.00 per 100.

Small Flowered or Button Varieties. 25c each; \$2.50 per doz.; \$18.00 per 100.

Large Flowered or Shaggy varieties all standard varieties and colors. 25c each; \$2.50 per doz.; \$15.00 per 100.



Aquilegia

CLEMATIS. Large-flowering. Ready Oct. 25.

Jackmanii. The popular rich purple variety. Potted plants, either of the above, \$1.25 each.

Paniculata. (Japanese Virgin's Bower.) One of the finest climbers; clouds of small white fragrant flowers in August. 75c each; \$6.50 per doz.

HARDY ASTERS. (Michaelmas Daisies.) These are very handsome and useful. They flower at a time when few hardy plants are in bloom. 25c each; \$2.50 per doz.; \$18.00 per 100.

JOHNSON'S HARDY PLANTS—CONTINUED



Delphinium

COREOPSIS Lanceolata Grandiflora. This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut-flower they stand near the head among hardy plants. 25c each; \$2.50 per doz.; \$15.00 per 100.

DELPHINIUMS (Hardy Larkspur.) These are deservedly one of the most popular subjects in the hardy border; of easiest culture; perfectly hardy. They will establish themselves in almost any garden soil, but respond quickly to liberal soil.

Belladonna. The freest and most continuous blooming of all. The clear turquoise blue of its flowers is unequalled for delicacy and beauty. 25c each; \$2.50 per doz.; \$15.00 per 100.

Formosum. Best dark blue. 25c each; \$2.50 per doz.; \$15.00 per 100.

DIANTHUS, Pinks, (Maiden Pink.) A charming creeping variety, with pink flowers. 25c each; \$2.50 per doz.; \$15.00 per 100.

DIGITALIS. (Foxglove.) Old-fashioned hardy biennial plants with broad foliage and showy flowers borne on spikes. June and July. Each 25c; \$2.50 per doz.; \$15.00 per 100.

FUNKIA (Hosta) *undulata variegata*. Green leaves margined and edged white. Fine for borders and edging. 30c each; \$2.50 per doz.; \$19.00 per 100.

Subcordata grandiflora. Large white flowers, borne in heads. Foliage green, pointed; sweet scented. 18 in. August and September. 30c each; \$2.50 per doz.; \$19.00 per 100.

GAILLARDIA grandiflora. One of the showiest of perennials. Gay flowers ranging from red to yellow, dark maroon center. 3 ft. June to frost. 25c each; \$2.50 per doz.; \$15.00 per 100.

GYPSOPHILA paniculata. (Baby's Breath.) Minute white flowers borne in enormous quantity in open panicles during Summer months. Valuable for cutting. Each, 25c; \$2.50 per doz.; \$15.00 per 100.

HELENIUM autumnale superbum. Large, yellow flowers, with drooping rays borne in immense panicles. 6 to 7 ft. July to September. Each, 25c; \$2.50 per doz.; \$15.00 per 100.

autumnale rubrum. A variety of the above with bright terra cotta red flowers. Each, 25c; \$2.50 per doz.; \$15.00 per 100.

HEMEROCALLIS, flava. (Lemon Day Lily.) Fragrant yellow flowers in June. Grows 2 ft high, with flowers on long stems for cutting.

fulva. (Orange Day Lily.) This old-fashioned flower is one of the hardiest. It will do well in full sun or in the shade of deciduous trees, and is not particular as to soil if not too wet. Each, 25c; \$2.50 per doz.; \$15.00 per 100.

HIBISCUS, Crimson Eye. Large, white flowers with a crimson-purple eye. Aug. to Sept. 6-7 feet.

militaris. Large light pink flowers, crimson center. July to September. 5 to 6 feet.

Either of above, 50c each; \$5.50 per doz.; extra large plants.

HOLLYHOCKS (*Althea Rosea*.) One of the noblest of hardy plants. It is well fitted to break up ugly lines of shrubs or walls by its tall, stately growth. Deep cultivation, much manure and frequent watering in dry weather will secure fine spikes.

Double. Flowers form rosettes of lovely shades of yellow, crimson, rose, pink, orange and white. Each, 30c; \$2.50 per doz.; \$18.00 per 100.

HONEYSUCKLE. (Woodbine.) Red, yellow and white. 30c each; \$3.00 per doz.

MONARDA Didyma (See Balm). Bright scarlet flowers in terminal heads. July to September. 2 to 3 feet. 25c each; \$2.50 per doz.; \$15.00 per 100.

MYOSOTIS. (Alpine Forget-Me-Not.)

Alpestris. Splendid for naturalizing on edge of ponds and streams; also for beds, borders, and rockeries. Each, 20c; \$2.00 per doz.; \$15.00 per 100.

OENOTHERA. (Evening Primrose.)

Pilgrimi. Large clusters of bright yellow. 18 inches. June to September. Each, 25c; \$2.50 per doz.; \$18.00 per 100.

speciosa. A rare, pure white variety. 18 inches. June to September. Each, 25c; \$2.50 per doz.; \$8.00 per 100.

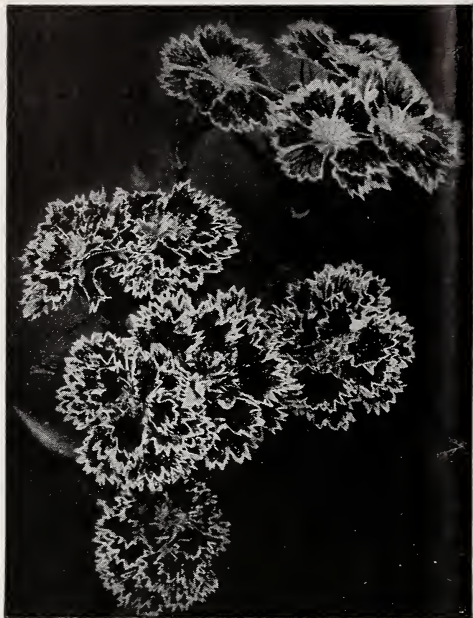
PENTSTEMON. (Beard Tongue.) Most desirable perennials for either border or rockery. They like a friable loam, with a mixture of well-decayed leaf mold and sharp sand.

Barbatus Torreyi. Spikes of brilliant scarlet; very effective; Height 2 to 5 feet; June to Aug. Each, 25c; \$2.50 per doz.; \$18.00 per 100.



Hollyhocks

PERENNIAL PLANTS—CONTINUED



Sweet William

PHLOX SUBULATA. (Moss or Mountain Pink.)

An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, and invaluable for carpeting the ground or covering graves.

Alba. Pure white. Each, 25c; \$2.50 per doz.; \$18.00 per 100.

Rosea. Bright rose. Each, 25c; \$2.50 per doz.; \$18.00 per 100.

Lilacina. Light lilac. Each, 25c; \$2.50 per doz.; \$18.00 per 100.

PHYSOSTEGIA (False Dragon Head.) One of the most beautiful of our mid-summer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers.

Virginica. Bright, but soft pink.

Alba. Pure white; very fine.

Either of above, 25c each; \$2.50 per doz.; \$18.00 per 100.

PLATYCODON. (Balloon Flower, or Japanese Bell-flower.) The Platycodons form neat branched bushes of upright habit, which bear a continual succession of flowers from June to October.

Grandiflorum. Deep blue-cupped, star-shaped flowers; 1½ feet.

Album. A white-flowered form of the above.

Either of above 25c each; \$2.50 per doz.; \$18.00 per 100.

PYRETHRUM roseum hybridum. Single flowering in shades of pink, lavender, red and yellow; mixed colors. Each, 25c; \$2.50 per doz.; \$15.00 per 100.**RUDBECKIA, Purpurea** (Giant Purple Cone-Flower). Flowers about 4 inches across of a peculiar reddish-purple with a remarkably large cone-shaped center of brown; forms bushy plants 3 feet high, and blooms from July to October. Each, 25c; \$2.50 per doz.; \$15.00 per 100.**SEDUM spectabile.** Handsome rose-colored flowers in immense heads, during late Fall. 18 inches. Tall blooming. 25c each; \$2.50 per doz.; \$15.00 per 100.**SHASTA DAISY.** Large, showy white flowers 4 inches across; in bloom all summer and fall. Each, 25c; \$2.50 per doz.; \$15.00 per 100.**STOKESIA (laevis) Cyanea.** (Cornflower Aster.) Large, deep blue flowers, from August to October. Each, 25c; \$2.50 per doz.; \$15.00 per 100.

Cyanea alba. Same as above only pure white. Each, 25c; \$2.50 per doz.; \$15.00 per 100.

SWEET WILLIAM (Dianthus Barbatus.)

Newport Pink. Rich salmony-rose.

Bright Scarlet. Effective color.

Pure White. Very large.

Mixed. Containing all colors.

Prices of above; Each, 20c; \$2.00 per doz.; \$12.00 per 100.

TRITOMA Pfitzeri. (Kniphofia Uvaria grandis.)

A superb variety, very free blooming. Color a rich brilliant orange; medium height. Summer till Fall. 35c each; \$3.50 per dozen.

VALERIANA officinalis. Old-fashioned garden Heliotrope, lavender flowers. June and July. 4 feet. Each 20c; \$2.00 per doz.; \$12.00 per 100.**VERONICA.** (Speedwell.) The Speedwells are mostly natives of New Zealand, flowers being of a blue shade, varying to rose and dull white. They succeed in any garden soil in sunny situations. The low-growing forms are good rock plants. 1 ft. July to August. 25c each; \$2.50 per doz.; \$18.00 per 100.

Tritoma Pfitzeri

COLLECTIONS OF HARDY
PERENNIALS

For customers who are not acquainted with the various varieties, we offer the following collections, in varieties strictly of our selection, in good, strong roots, that will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in autumn.

12 Plants, 4 each of 3 varieties	\$1.75
25 Plants, 5 each of 5 varieties	3.00
50 Plants, 10 each of 5 varieties	5.00
100 Plants, 10 each of 10 varieties	9.50
All Our Selection	

Field Grown Roses for Your Garden

We offer a very select list of Dormant Rose bushes for outdoor planting in Hybrid Tea, Hybrid Perpetual and Hardy Climbing types. The following varieties, each listed in its class, We can especially recommend for fall planting. All are exceptionally hardy.

CULTURAL DIRECTIONS

When the rose beds are prepared, take care they have a good drainage, and that the soil is rich and sweet. Water the rose well after planting. Prune them well; if you do not know how, ask us; we will be glad to tell you the right way. Keep them clean from insects. Bush roses can be set 1½ feet apart, Climbing varieties from 4 to 6 feet apart, and standard Roses 3 or more feet apart. Cultivate freely throughout the summer and apply a light top dressing of bone-meal or sheep manure at least once a month throughout the growing season. Just before the ground freezes, in late November, draw the soil up against the plant in the same manner as you would hill up potatoes, and in December, when the ground is thoroughly frozen, cover with leaves, hay, or straw.

The stock offered here is the finest healthy 2 year old stock, which will give an abundance of bloom the following summer if planted in the fall.

Prices, 75c each; 6 for \$4.00; \$7.00 per doz.; 25 for \$12.00; 100 for \$45.00, except where noted.

HYBRID TEA AND HYBRID PERPETUAL ROSES

Mme. Butterfly. A sport from Ophelia, retaining all the good qualities of its parent, but with deeper shadings of apricot and gold on the salmon-pink ground. Each \$1.00; \$10.00 per doz.

Los Angeles. New American Rose. The raisers describe this variety as by all odds one of the finest roses ever introduced. In color a luminous



Los Angeles



Dorothy Perkins

translucent gold at base of the petals. In fragrance it is equal in its intensity to the finest Marechal Niel. The buds are long and pointed and expand into a flower of mammoth proportions. The growth is vigorous to a degree. The beauty of form and ever-increasing wealth of color is maintained from the bud until the last petals drop. This variety should be carefully protected during the winter. \$1.00 each; \$10.00 per doz.

Alexander Hill Gray. Solid deep yellow.

Sunburst. Intense orange-copper and golden yellow; buds long and pointed; very brilliant in effect. \$1.25 each; \$12.50 per doz.

Lady Hillingdon. A very free-blooming variety with attractive flowers of deep coppery-yellow; buds long and pointed.

Columbia. A very fine shade of pink.

Crusader. A rich, velvety crimson, exceptionally rugged grower. \$1.50 each; \$15.00 per doz.

Ophelia. Light salmon pink, shading to yellow at base.

Killarney White. Snow white, fine for cutting.

Radiance. Carmine-pink, yellow at the base of petals.

Red Radiance. Dazzling crimson-scarlet.

Madame Caroline Testout. Light pink; a profuse flowerer.

Frau Karl Druschki. Hardy, vigorous grower; bright green foliage. Largest and best of all the white roses.

Paul Neyron. Deep, brilliant pink; very double and large.

HARDY CLIMBING AND RAMBLER ROSES

Climbing American Beauty. A healthy, vigorous grower. Rose pink flowers of good substance.

Dorothy Perkins. Soft, shell pink. One of the best of the climbing varieties.

Dr. Van Fleet. Flesh pink; Splendid for cutting.

Excelsa. Scarlet crimson; borne in large clusters.

ASK FOR A COPY OF OUR LARGE SPRING CATALOGUE FOR 1923

You Can Grow Beautiful Flowers, Ferns, Plants by Using "NEW PLANT LIFE" (Liquid). One teaspoonful in one quart of water when watering plants will put new life into your flowers and make them bloom. ½ pt. can, each, 45c; dozen, \$1.00.

Hardy Ornamental Shrubs

FOR FALL PLANTING

Shrubs are as much a part of the garden as the lawn or flower borders, and a well arranged planting presents an attractive appearance throughout the entire year.

Our Shrubs are transplanted every two or three years and are furnished with plenty of fibrous roots and should not be compared to stock that is never moved from the cutting beds until sold.

We do not guarantee or replace plants, shrubs or trees at prices quoted.

ALTHEA, *Hibiscus syriacus* (Rose of Sharon)

Admirable Dewey, Double, pure white.

Duc de Brabant, Double red.

Paeonaeiflora, Double, clear pink.

Variegata, Variegated leaved; a dwarf variety with leaves margined silvery-white. Branches are studded with large purplish-red buds, which, however, do not fully open. Height 5 feet.

Prices of above four varieties:			
	Each	Doz.	
2 feet	\$0.75	\$ 6.00	
3 feet	1.00	10.00	
4 feet	1.25	12.50	

BUDDLEIA

Veitchiana variabilis, Flowers of a pleasing shade of violet-mauve, borne on long, cylindrical spikes and with liberal cultivation, will grow from 15 to 20 inches long. Flowers freely first season. 75c each; \$6.50 per doz.

DEUTZIA

Scabra Watereri, Beautiful single pink. Flowers in June.

Gracilis, Slender, often arching branches. Low, dense, globular habit; flowers pure white in racemes.

Lemoine, A vigorous grower and excellent for forcing; very desirable; early bloomer; panicles of pure white flowers borne on stout branches. Blooms in May and June.

Prices of above varieties:

	Each	Doz.
2 to 3 feet	\$0.90	\$8.50

DOGWOOD

(Cornus)

Red-twigged, (C. Alba.) Shrub with erect stem, good clean foliage and bright blood-red branches; useful for shrubberies.

Silver-leaf, (C. mas elegantissima.) One of the finest variegated shrubs; slow growing; leaves broadly margined with white, contrasting with the deep red bark.

Prices of the above varieties.

	Each	Doz.
2 to 3 feet	\$0.90	\$8.50

FORSYTHIA

Suspensa (Weeping Golden Bell.) Long, graceful branches drooping to the ground and covered to the tips with handsome yellow trumpet-shaped flowers in April.

Suspensa Fortunei (Golden Bell.) One of the best early flowering shrubs. Before any tree or shrub shows a leaf they burst into glorious masses of golden yellow, drooping flowers.

Prices of the above varieties:

	Each	Doz.
2 to 3 feet	\$0.75	\$7.50

HYDRANGEA

Paniculata, Larger growing bush than the well known *Grandiflora*, and blooms a month later; buds do not all open. Height 12 feet. 2-ft. plants. Each. 90c; doz., \$9.00.

Paniculata grandiflora, The well known hardy Hydrangea. Flowers borne in dense panicles, pure white when opening, but later of a purplish-pink. Each \$1.00; doz., \$10.00.

LILACS

Common Varieties

Purple, White, Persian, White Persian. 2 feet. Each 75c; doz. \$6.50.

JAPANESE QUINCE

(Cydonia Japonica.)

A shrub with spreading spiny branches. Glossy leaves; flowers are a deep scarlet in clusters. The quince-shaped, golden-yellow fruit remains a long time in summer. 3 feet. Each, \$1.25.

SPIREA

Anthony Waterer, Flowers scarlet-crimson, blooming profusely from June to October. Strong plants. 2 feet. 1-ft., each, 75c; doz., \$6.50. 1½-ft. each, \$1.00; doz. \$9.00.



St. Peter's Wreath

Bridal Wreath (S. Prunifolia.) One of the best and earliest blooming shrubs. Flowers double, white and very abundant along the stem. May 6 to 7 feet. 2-ft., each, 75c; doz., \$7.50.

St. Peter's Wreath, (S. Van Houttei.) The finest and most satisfactory of all Spiraea, either singly or among other shrubs. It forms a round and graceful bush, with arching branches, which in June are set from end to end with beautiful white blossoms. 2 ft., each, 60c; doz., \$6.50, 3 ft., each, 75c; doz., \$7.50.

SYRINGA

(Philadelphus.)

Golden, (P. coronarius foliis aureis.) A graceful variety with bright yellow foliage. Height 5 feet. 1½ ft., each., \$1.00; doz. \$9.00.

Mock Orange, (P. coronarius.) Shrub with upright branches; pure white, fragrant flowers are produced in clusters in June; foliage dark green. 6 feet. 3 ft., each, 75c; doz. \$7.50.

Large-Flowered Mock Orange, (P. grandiflorus.) A vigorous upright variety, with large, showy flowers in June; it grows rapidly. Height 12 feet. 3 ft. each, 75c; doz., \$7.50.

VIBURNUM

European High Bush Cranberry, (V. opulus.) One of the best shrubs for general planting. Red berries resembling cranberries remain until early winter. Height 12 feet. 2 ft., each 75c; 3 ft., each \$1.00; 4 ft., each \$1.25.

WEIGELA

Candida, Flowering pure white, vigorous and fine habit. Height, 8 feet. 3 ft., each., \$1.00 doz., \$10.00.

Rosea, A strong, symmetrical grower, with good foliage; pink flowers in June. Height, 6 feet. 2 ft. each. 75c; doz., \$7.50.

HEDGE PLANTS

Privet, California, Plant 10 to 15 inches apart in double rows, alternating the plants. 18 to 24 inches high. 2-year-old, 100, \$6.50; 1000, \$60.00; 24-36 inch stock, \$8.50 per 100; \$75.00 per 1,000.

Berberis Thunbergi, Of low, dense growth and spreading habit, growing extremely dense right from the base. Requires but little pruning. Leaves bright green. The branches in the fall are covered with bright red berries. Plant 8 to 12 inches apart in single rows. 12 to 18 inches heavy, each. 50c; doz., \$4.50; 100, \$35.00. 18 to 24 inches high, heavy, each, 75c; doz., \$7.50; 100, \$55.00.

Johnson's Selected Flower Seeds

FOR FALL AND WINTER SOWING

On the following pages we give a list of the **Best Hardy Perennials** which are now so deservedly popular. Sown this fall in a cold frame or protected corner of the garden, you can have, with little trouble, an abundant supply of Columbines, Canterbury Bells, Delphiniums, Foxgloves, Gaillardias, Hollyhocks, Forget-me-nots, Daisies, Sweet Williams, etc., the following season. The list also includes a choice selection of other Flower Seeds for autumn sowing, such as Cyclamens, Pansies, Primulas, etc.

	Pkt.		Pkt.
ABUTILON (Flowering Maple.) Tender perennial shrub of easy culture. Finest Mixed Colors. Excellent for flowering indoors.....	\$0.15	Monstrosa alba. Giant pure white	\$0.15
ACHILLEA (Sneezewort or Milfoil). H. P. Double. Daisy-like flowers; blooms from June till October.		Monstrosa rosea. Giant rose .....	.15
The Pearl. Pure white, 2½ ft. ½ oz., \$1.25	.15	Monstrosa. Finest mixed .....	.15
ACONITUM (Monkshood). H. P. Long spikes of helmet-shaped flowers; excellent for shady locations.		CALCEOLARIA. Especially adapted for house and greenhouse culture, making excellent exhibition plants.	
Napellus. Blue, 3 ft. ¼ oz., 75c	.10	Johnson's Prize Mixed. 1½ ft. The gorgeous beauty of these flowers renders them indispensable for greenhouse decoration. Is a very desirable flower. Bears a large profusion of small pocket-shaped flowers, which are beautifully tigered or spotted, 300 seeds	1.00
Wilsoni. Dark rich blue, 3 ft. ½ oz., 60c	.15	CAMPANULA. (Canterbury Bells.) Hardy biennial.	
HARDY ALYSSUM Saxatile Compactum (Gold Dust). H. P. Yellow 9 in. Excellent for bordering perennial gardens ¼ oz. 25c	.10	Caly Canthem. (Cup and saucer canterbury bells.)	
ANEMONE H. P. One of the most beautiful perennials, having a great variety of color and flowering in May and June.		Pink. Delicate rosy-pink	½ oz., 65c .10
Coronaria (Wind Flower). Mixed 9 in. ½ oz., 20c	.10	Blue. A fine clear shade	½ oz., 65c .10
St. Brigid (Irish Anemone). Extra large, 9 in. ½ oz., 30c	.15	White. Pure white	½ oz., 65c .10
Sylvestris (Snowdrop Windflower). Large nodding sweet-scented white flowers, tinged lavender 1½ ft. April-May .....	.15	Finest Mixed. All colors of the Cup and Saucer type	¼ oz., 60c; .10
ANTIRRHINUM (Snapdragon).		Medium. (Single Canterbury Bells.)	
Giant White. Large flowering	¼ oz. 50c \$0.10	Single Mixed. All colors	¼ oz., 50c .10
Giant Scarlet. Large flowering	¼ oz. 50c .10	Double Mixed. All the double flowering medium varieties	¼ oz., 50c; .10
Giant Yellow. Large flowering	¼ oz. 50c .10	Carpatica (Harebell). H. P. Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. Blue or	
Giant Mixed. Large flowering	¼ oz., 30c .10	White	¼ oz., 75c .10
Half Dwarf White. Large flowering ¼ oz., 50c	.10	CANDYTUFT. H. P. Plants very compact, blooming early in the spring; excellent for bordering perennial gardens.	
Half Dwarf Crimson. Large flowering	¼ oz., 50c .10		
Half Dwarf Yellow. Large flowering	¼ oz., 50c .10	PERENNIAL VARIETIES	
Half Dwarf Mixed. Constant bloomers	¼ oz., 30c .10	Semperflorens. A beautiful perennial of training habit, covered with white flowers in spring	\$0.10
AQUILEGIA (Columbine)		Gibraltarica Hybrids. A dwarf, compact form, with purple and white flowers; 1 foot	½ oz. 50c .10
Long-Spurred Hybrids. A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, orange-scarlet and bright rose-pink in large flowers with long spurs .....	.25	CINERARIA HYBRIDA G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom.	
ARABIS (Rock Cress). H. P. Alpine trailing plant. Flowers borne on erect spikes, pure white and blooming very early. Useful in sunny rockeries and well drained borders.		Kelway's Model. Large-flowering prize strain. Unsurpassed for color and form. 1½ feet .....	.75
Alpina. 9 in. Dwarf White	¼ oz., 35c .10	Hybrida Grandiflora. Seed saved only from the choicest specimens. ....	.30
ASPARAGUS Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.		Half Dwarf Prize Mixed. Dwarf foliage; large flowers .....	.50
Plumosus Nanus	50 seeds, 75c; 100 seeds, \$1.25 .25	Stellata Mixed (Star Cineraria), a charming sort for house decoration .....	.25
Sprengeri 50 seeds, 30c; 100 seeds, 50c	.10	COREOPSIS Lanceolata Grandiflora. This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. Unsurpassed for cutting	¼ oz., 35c .10
BEGONIA, Semperflorens		CYCLAMEN. (Alpine Violet). Charming house plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. May be successfully raised from seed with a little care and patience, 1 ft.	
Arfordia. Rosy carmine	\$0.25	Giant Flowered Cyclamen, Mixed, extra choice, 10 seeds, 30c; 20 seeds, 50c; 100 seeds, \$2.00.	
Gracilis rosea. Rose .....	.15		
Gracilis luminosa. Fiery red .....	.25		
Vernon. Orange-carmine .....	.10		
BELLIS PERENNIS (Double Daisy). H. P. These are favorite perennials; seed should be sown from June 1st till September, transplanted in the fall and protected during the winter, and they will flower the following spring.			
Finest Mixed Extra. 4 in. ¼ oz. \$1.25	.10		
Longfellow. Bright rose. 4 in. ¼ oz. 1.50	.15		
Snowball. Pure white. 4 in. ¼ oz. 1.50	.15		
Giant red, Maxima fl. pl. Extra fine. 4 in. ....	.25		

HARDY FLOWER SEEDS—CONTINUED

HARDY GARDEN PINKS

Dianthus. Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

Plumarius Cyclops (Clove Pink). An exquisite mixture of colors	1/4 oz., 75c	\$0.15
Plumarius fl. pl. (Double Hardy Scotch Pinks). Double and semi-double varieties in beautiful colors.....	1/4 oz., \$1.25	.20

GAILLARDIA

PERENNIAL VARIETIES

Grandiflora hybrida. Finest Mixed. Continual bloomer. Fine for perennial borders	1/4 oz., 55c	.10
Amblyodon. Perennial. Rich blood red; very effective .....		.10
Kelway's Exhibition Hybrids. Entirely distinct. A grand new and improved strain. Flowers of enormous size, borne on stout stems. Choicest mixed .....		.15
GEUM H. P. Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubby border.		
Coccineum. Much improved large flowered variety, bright scarlet flowers. 1 foot.....		.10
Mrs. Bradshaw. Very large double flowers of the brightest scarlet color	1/2 oz., 75c	.15
HOLLYHOCK (Hardy Perennial). Seed sown in June or earlier will flower the following summer.		
Allegheny Mammoth Fringed. Very large flowers, finely fringed. Early sown seed will flower the first season. 7 feet. Mixed	1/4 oz., 75c; oz., \$2.25	.20
Double Maroon, Double Red, Double Salmon Rose and Double Yellow All at 1/4 oz., 60c .....		.10
Newport Pink. Fine, pure pink, double variety, flowers very double	1/4 oz., 90c	.15
Extra Choice Double Mixed	1/4 oz., 60c	.10
LATHYRUS Hardy Sweet Peas. Mixed	1/2 oz., 60c	.10
LINARIA (Kenilworth Ivy). Trailing plant for baskets and boxes	1/8 oz., 75c	.10
LINUM (Scarlet Flax). Grandiflorum Rubrum. Ideal for bedding; dwarf and compact, with light green foliage and bright scarlet flowers; annual; 1 foot	1/2 oz., 35c; oz., 60c	.10
LOBELIA Tender perennials which flower first season. Adapted to edging, borders, baskets, etc.		
Crystal Palace Compacta. Fine for bedding	1/8 oz., 70c	.10
Gracilis. Light blue, trailing.....	1/2 oz., 40c	.10
Cardinals (Cardinal Flower). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet.....	1/2 oz., 60c	.10
LUPINUS (Lupine—Sun Dial).		
Polyphyllus or hardy sorts are very effective.		
Polyphyllus, Blue and White. Mixed. Large spikes; very thrifty	1/4 oz., 50c	.10
Polyphyllus, Blue	1/2 oz., 50c	.10
Polyphyllus Moerheimi. Fine hardy Lupine plants about 3 feet high, of vigorous growth, bearing long spikes of beautiful flowers. In color, a combination of light and dark pink	1/2 oz., 60c	.15
Perennial Varieties. Choice mixed 1/4 oz., 40c		.10
MYOSOTIS (Forget-me-not).		
Alpestris Royal Blue. Rich indigo..	1/4 oz., 50c	.10
Alpestris White. Very fine.....	1/4 oz., 50c	.10
Alpestris Mixed. Various colors	1/4 oz., 50c	.10
Dissitiflora. Perennial. Clear blue. Early .....		.15
Palutris Semperflorens. Dark blue .....		.15
Hybrids, Ruth Fischer. Hardy biennial. Pure forget-me-not blue. Fine for cutting and for hanging baskets. Can be forced successfully and, owing to its extreme hardiness, it is valuable for spring bedding in open ground .....		.25

POPPY

HARDY OR PERENNIAL POPPIES

Orientele. Deep crimson. Very showy	1/4 oz., 70c	\$0.10
Orientele, Mixed colors	1/4 oz., 60c	.15
Iceland. Orange red .....		.15
Iceland. Album .....		.15
Iceland. Finest Mixed	1/4 oz., 30c	.10
PYRETHRUM. Most attractive, hardy perennials. Valuable border plants with stems about two feet high.		
Single Hybrids. This mixture contains the very largest flowering and choicest varieties	1/4 oz., 95c	.15
Double Roseum Hybrids. Lovely pink shades splendid for cutting .....		.15
Uliginosum (Giant Daisy). A fine hardy perennial; grows 3 to 4 feet high, and from July to September is literally hidden beneath the multitude of large white daisy-like flowers .....		.15
SCABIOSA (Mourning Bride). Very desirable for summer cut flowers. Fine Mixed All colors	1/4 oz., 30c	.10
STOKESIA (Cornflower Aster). Hardy perennial bears all summer, large, attractive flowers, resembling semi-double asters; fine for cut flowers. 2 feet.		
Cyanea. Lavender-blue; handsome.....		.10
Cyanea, Mixed .....		.10
Alba. White .....		.15

SUNFLOWER

Miniature. Best mixed	Oz., 40c	.10
Miniature Red	Oz., 75c	.10
Large Russian. Tall mammoth-flowered	Oz., 10c	.10

JOHNSON'S TOP-NOTCH
SWEET PEAS

Early and Long-flowering or Forcing Orchid-flowered Varieties		
Invaluable for growing under glass, also for sowing in late autumn in the Southern States. They bloom in about three months from time of sowing.		
Early Aviator. Dazzling crimson-scarlet.		
Early Blanche Ferry or Christmas Pink. The most popular of all; flowers pink and white. Very large and wavy.		
Early Blue Bird. A splendid rich, deep blue.		
Early Cream, or Meadow Lark. A bright, primrose yellow.		
Early Helen Lewis, or Morning Star. Rich, rosy salmon.		
Early Improved Snowstorm. This is considered the best and purest white variety.		
Early Fire King. Rich deep orange-scarlet.		
Early Lavender King. Beautiful clear lavender; a popular color.		
Early Mrs. A. A. Skaach. A beautiful, rich pink.		
Early Rose Queen. A popular soft rose-pink forcing sort.		
Early Yarrowa. The famous Australian rich rose variety and one of the best.		
Early Song Bird. Pale pink and buff.		
Price —Any of the above, 25c per pkt., \$1.00 per ounce.		
SWEET WILLIAM (Dianthus Barbatus). Fragrant hardy perennial for border and bedding.		
Pink Beauty. A rich, deep rose shade.....	1/2 oz., 50c	.10
Scarlet King (New). An intensely deep rich pure scarlet	1/4 oz., 60c	.10
Mixed. Single. All colors.	1/4 oz., 40c	.10
WALLFLOWER (Cheiranthus Cheiri). An old-fashioned English flower, greatly esteemed for its fragrance and its free, Winter blooming qualities.		
Finest Single Mixed 18 in.....	1/4 oz., 35c	\$0.10
Double, Finest Mixed	1/2 oz., 75c	.10



Johnson's High Grade Lawn Seed

ESPECIALLY PREPARED FOR FALL SOWING

Every Lawn Should Receive Some Seed in Fall

Fall is nature's seeding time for grasses. The comparatively cool and moist weather of this season is especially conducive to quick germination and the establishment of a strong and deep root system. Also, weeds are less likely to interfere with the establishment of a good thick turf. Fall sown grass accounts of its stronger root system is better able to withstand the heat and drought of following summers.

JOHNSON'S "RELIABLE"

THE BEST FOR GENERAL PURPOSE

Our Reliable Lawn Grass Seed is the cleanest, heaviest, cheapest and best, because it is made up of Extra Recleaned Seeds of the finest varieties of grasses, each of which has its season of beauty and the result is the production of a soil that is always evergreen and velvety. Many of the finest lawns of our city are seeded with Johnson's Reliable Lawn Grass, the preparation of which is a specialty with us. Less seed of Johnson's Reliable is required than of any other brand. Hence it is economical in the end. 1 lb. will sow 400 square feet. **Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs., (1 bu.), \$9.00.**

KENTUCKY BLUE GRASS. We handle only the fancy seed. **Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.**

WHITE DUTCH CLOVER. For lawns. Should be sown in the spring or early fall. **Lb., 90c; 5 lbs., \$4.25; 10 lbs., \$8.00.**

JOHNSON'S "SHADY SPOT"

This is a very high grade mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply hydrated lime at the rate of 50 lbs. to every 1000 square feet. Use one pound of seed for every 300 square ft. **Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 20 lbs., (1 bu.), \$10.00.**

GOLF LINKS MIXTURE

Made up from varieties of grasses perfectly adapted to rough usage. Will produce a beautiful, thick, tough lawn in a short time, and will maintain its appearance better than others in spite of wear and dry weather. For Golf Links this mixture is equal if not superior to many Golf Link Grasses now in use. **Lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$8.00; 20 lbs., (1 bu.), \$14.00.**

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Flowers in Your Home From Christmas to Easter

Bulbs for Pot Culture



(Above)
**BREEDER
TULIP
FEU
ARDENT**
(See P. 3)

Early
Single
Tulip
CRIMSON KING

Flowering bulbs may be had in bloom, in the home from Christmas until Easter. A few suggestions are given below. The soil for potting should be light and rich with a small quantity of sheep manure mixed in. When planting fill the pots to within about 4 inches from the top. If the bulbs being planted are of a small nature set them about 2 inches apart. If bulbs are large set about 4 inches apart. Then fill in the balance of the soil leaving the tops of the bulbs barely protruding. Place pots in the darkest and coolest part of your basement. Keep the soil moist and allow to remain in the basement until you are reasonably sure a well established root growth has been made.

Crocuses, Paper White Narcissi and Freesias offered below, planted about the middle of October may be brought to the light about December 1st.

Hyacinths, Early Tulips and Daffodils brought to light January 1st, should begin flowering the last of February.

**The Cost of Growing Your Own Bulbs
is About Half of What You Would
Pay at a Florists'**

	Doz.	100
FREESIAS		
Purity. White. Monster Bulbs	\$0.75	\$5.00
CROCUSES (Selected Bulbs)		
Purpurea Grandiflora. Blue .....	.50	4.00
Kathleen Parlow. White .....	.50	4.00
La Majestueuse. White, striped purple .....	.50	4.00
TULIPS		
King of Yellows. Golden-yellow .....	.35	6.25
Belle Alliance. Scarlet .....	.75	5.50
White Hawk. Fine white .....	.85	6.00
Prince of Austria. Copper Red .....	.75	5.25
Proserpine. Carmine rose .....	.85	6.00
Crimson King, deep crimson .....	.75	6.00

All Bulbs offered in this catalog are sold in half dozen lots at dozen rates.

DUTCH HYACINTHS (First Size)	Doz.	100
One Bulb suggested for 5-inch pot,, 4 for an 8-in. pot or pan		
Lady Derby. Finest pink	\$3.00	\$23.00
La Victoire. Finest red	3.00	23.00
Grand Maitre. Finest blue	3.00	23.00
City of Haarlem. Finest yellow	3.00	23.00
La Grandesse. Finest white	3.00	23.00

NARCISSI or DAFFODILS (very largest bulbs only)		
Paper-White. White	1.00	7.50
Golden Spur. Rich yellow	2.00	14.00
Emperor. Yellow	2.00	14.00
Empress. Yellow and white	2.00	14.50
Poeticus Ornatus. White	1.75	11.00



Breeder Tulip

LOUIS XIV
(See p. 3)

**The Johnson's
Seed Store
Cleveland, - Ohio**